

Table 14.4-11

Descriptive Statistics of 24-Hour Urine Biomarkers of Exposure by Timepoint for Demographic Characteristic: Annual Household Income

TABLE 14.4-11

DESCRIPTIVE STATISTICS OF 24-HOUR URINE BIOMARKERS OF EXPOSURE BY TIMEPOINT FOR DEMOGRAPHIC CHARACTERISTIC: ANNUAL HOUSEHOLD INCOME

(Page 1 of 7)

Lab: Harrogate

Biomarker: Total Nicotine (ug/24hr)

Timepoint: Week 1

Characteristic	Statistic	Smokers			Non-Smokers		
		Male	Female	Overall	Male	Female	Overall
\$19,999 or less	N	5	5	10	9	4	13
	MEAN, GEO MEAN	3209.960, 2951.530	1314.110, 766.302	2262.040, 1503.920	9.010, 2.958	1.996, 1.931	6.852, 2.594
	SD, SE	1337.5100, 598.1520	1209.3800, 540.8500	1563.1800, 494.3200	20.2869, 6.7623	0.6054, 0.3027	16.9061, 4.6889
	MEDIAN	3106.750	1062.000	2411.330	2.646	1.895	2.240
	MIN, MAX	1388.756, 4893.750	152.361, 2913.143	152.361, 4893.750	0.810, 63.054	1.370, 2.825	0.810, 63.054
	5%, 95%	1388.760, 4893.750	152.361, 2913.140	152.361, 4893.750	0.810, 63.054	1.370, 2.825	0.810, 63.054
	BLQ Values Included	0	0	0	3	3	6
\$20,000 to \$39,999	N	5	10	15	10	16	26
	MEAN, GEO MEAN	1257.850, 512.763	2291.700, 1629.620	1947.080, 1108.400	10.460, 2.313	2.707, 2.124	5.689, 2.195
	SD, SE	1520.5600, 680.0140	1744.6600, 551.7110	1694.6500, 437.5570	27.3246, 8.6408	2.0793, 0.5198	16.9168, 3.3177
	MEDIAN	942.888	1879.750	1275.840	1.569	1.903	1.619
	MIN, MAX	22.137, 3880.981	335.988, 5667.480	22.137, 5667.480	0.530, 88.160	0.570, 7.776	0.530, 88.160
	5%, 95%	22.137, 3880.980	335.988, 5667.480	22.137, 5667.480	0.530, 88.160	0.570, 7.776	0.570, 7.776
	BLQ Values Included	0	0	0	5	11	16
\$40,000 to \$49,999	N	5	8	13	6	9	15
	MEAN, GEO MEAN	2403.380, 2244.060	2718.370, 1745.860	2597.220, 1922.840	5.940, 2.652	1.943, 1.790	3.542, 2.094
	SD, SE	985.6580, 440.8000	2050.8600, 725.0900	1674.1600, 464.3280	7.9479, 3.2447	0.7632, 0.2544	5.1962, 1.3417
	MEDIAN	2044.460	2637.130	2511.010	1.455	1.980	1.950
	MIN, MAX	1356.420, 3667.125	116.325, 6337.875	116.325, 6337.875	0.650, 20.160	0.800, 2.900	0.650, 20.160
	5%, 95%	1356.420, 3667.130	116.325, 6337.880	116.325, 6337.880	0.650, 20.160	0.800, 2.900	0.650, 20.160
	BLQ Values Included	0	0	0	4	9	13
\$50,000 or more	N	3	9	12	5	7	12
	MEAN, GEO MEAN	2578.170, 2305.610	2898.510, 1905.010	2818.420, 1998.110	6.669, 4.035	2.076, 1.946	3.990, 2.637
	SD, SE	1371.3700, 791.7630	2445.3000, 815.0990	2170.6300, 626.6070	7.0456, 3.1509	0.7720, 0.2918	4.8960, 1.4133
	MEDIAN	2595.180	1434.110	2014.650	2.040	1.980	2.010
	MIN, MAX	1198.368, 3940.958	450.030, 6081.580	450.030, 6081.580	1.480, 17.248	0.960, 3.350	0.960, 17.248
	5%, 95%	1198.370, 3940.960	450.030, 6081.580	450.030, 6081.580	1.480, 17.248	0.960, 3.350	0.960, 17.248
	BLQ Values Included	0	0	0	3	6	9

TABLE 14.4-11
DESCRIPTIVE STATISTICS OF 24-HOUR URINE BIOMARKERS OF EXPOSURE BY TIMEPOINT FOR DEMOGRAPHIC CHARACTERISTIC: ANNUAL HOUSEHOLD INCOME
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Lab: Harrogate
Biomarker: Total Nicotine (ug/24hr)
Timepoint: Week 2

Characteristic	Statistic	Smokers			Non-Smokers		
		Male	Female	Overall	Male	Female	Overall
\$19,999 or less	N	5	5	10	9	4	13
	MEAN, GEO MEAN	3359.480, 3164.490	1298.140, 690.552	2328.810, 1478.260	42.558, 4.874	3.260, 2.663	30.466, 4.046
	SD, SE	1126.4400, 503.7610	1460.2700, 653.0530	1640.7300, 518.8440	114.8330, 38.2776	2.6143, 1.3071	95.6512, 26.5289
	MEDIAN	3652.850	1155.660	2385.610	2.750	2.270	2.340
	MIN, MAX	1558.519, 4608.540	150.672, 3741.189	150.672, 4608.540	1.023, 348.555	1.370, 7.128	1.023, 348.555
	5%, 95%	1558.520, 4608.540	150.672, 3741.190	150.672, 4608.540	1.023, 348.555	1.370, 7.128	1.023, 348.555
	BLQ Values Included	0	0	0	5	2	7
\$20,000 to \$39,999	N	5	9	14	10	16	26
	MEAN, GEO MEAN	1025.360, 472.830	3000.820, 2180.200	2295.290, 1263.070	1.761, 1.452	2.401, 2.030	2.155, 1.785
	SD, SE	707.3130, 316.3200	2889.9700, 963.3230	2501.6900, 668.6060	1.1861, 0.3751	1.4480, 0.3620	1.3658, 0.2679
	MEDIAN	1026.990	1953.570	1502.350	1.440	2.093	1.800
	MIN, MAX	10.710, 1985.750	634.623, 9552.459	10.710, 9552.459	0.625, 4.181	0.660, 6.160	0.625, 6.160
	5%, 95%	10.710, 1985.750	634.623, 9552.460	10.710, 9552.460	0.625, 4.181	0.660, 6.160	0.660, 4.450
	BLQ Values Included	0	0	0	7	14	21
\$40,000 to \$49,999	N	5	8	13	6	9	15
	MEAN, GEO MEAN	2740.020, 2438.500	2651.020, 1874.620	2685.250, 2074.150	2.800, 2.175	2.237, 1.944	2.462, 2.033
	SD, SE	1237.1200, 553.2560	1754.0300, 620.1430	1518.8400, 421.2510	2.2541, 0.9202	1.2097, 0.4032	1.6529, 0.4268
	MEDIAN	3437.100	2816.950	3037.660	1.430	2.210	1.710
	MIN, MAX	949.795, 3836.400	275.940, 5810.675	275.940, 5810.675	1.210, 5.775	0.750, 4.585	0.750, 5.775
	5%, 95%	949.795, 3836.400	275.940, 5810.680	275.940, 5810.680	1.210, 5.775	0.750, 4.585	0.750, 5.775
	BLQ Values Included	0	0	0	4	9	13
\$50,000 or more	N	3	9	12	5	7	12
	MEAN, GEO MEAN	2304.430, 2294.890	2842.780, 2097.970	2708.190, 2145.560	4.064, 3.216	2.150, 2.078	2.947, 2.493
	SD, SE	260.7310, 150.5330	1858.7600, 619.5870	1607.6000, 464.0730	3.1279, 1.3988	0.5770, 0.2181	2.1704, 0.6265
	MEDIAN	2216.480	2081.690	2157.760	2.900	2.150	2.315
	MIN, MAX	2099.049, 2597.763	232.320, 5420.360	232.320, 5420.360	1.490, 8.960	1.310, 2.900	1.310, 8.960
	5%, 95%	2099.050, 2597.760	232.320, 5420.360	232.320, 5420.360	1.490, 8.960	1.310, 2.900	1.310, 8.960
	BLQ Values Included	0	0	0	3	7	10

TABLE 14.4-11
DESCRIPTIVE STATISTICS OF 24-HOUR URINE BIOMARKERS OF EXPOSURE BY TIMEPOINT FOR DEMOGRAPHIC CHARACTERISTIC: ANNUAL HOUSEHOLD INCOME
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Lab: Harrogate
Biomarker: Total Nicotine (ug/24hr)
Timepoint: Week 3

Characteristic	Statistic	Smokers			Non-Smokers		
		Male	Female	Overall	Male	Female	Overall
\$19,999 or less	N	5	4	9	9	4	13
	MEAN, GEO MEAN	3460.610, 2661.190	2258.610, 1717.730	2926.390, 2190.680	2.750, 2.489	2.346, 2.305	2.626, 2.431
	SD, SE	2648.8800, 1184.6100	1515.6700, 757.8340	2184.2800, 728.0930	1.5395, 0.5132	0.4879, 0.2440	1.2951, 0.3592
	MEDIAN	2788.300	2244.640	2360.520	2.304	2.412	2.395
	MIN, MAX	1038.400, 7369.404	420.000, 4125.163	420.000, 7369.404	1.430, 6.608	1.690, 2.870	1.430, 6.608
	5%, 95%	1038.400, 7369.400	420.000, 4125.160	420.000, 7369.400	1.430, 6.608	1.690, 2.870	1.430, 6.608
	BLQ Values Included	0	0	0	5	3	8
\$20,000 to \$39,999	N	5	8	13	10	16	26
	MEAN, GEO MEAN	1877.830, 379.942	2495.960, 2184.280	2258.220, 1114.700	2.632, 1.971	2.053, 1.873	2.276, 1.910
	SD, SE	3294.1600, 1473.1900	1483.4200, 524.4690	2235.8000, 620.0990	2.3198, 0.7336	0.9084, 0.2271	1.5858, 0.3110
	MEDIAN	350.382	1991.350	1610.940	1.750	1.936	1.846
	MIN, MAX	10.061, 7734.320	1095.885, 5508.024	10.061, 7734.320	0.750, 7.224	0.940, 3.948	0.750, 7.224
	5%, 95%	10.061, 7734.320	1095.890, 5508.020	10.061, 7734.320	0.750, 7.224	0.940, 3.948	0.750, 6.563
	BLQ Values Included	0	0	0	7	14	21
\$40,000 to \$49,999	N	5	8	13	6	9	15
	MEAN, GEO MEAN	3713.410, 3201.150	2725.190, 1720.450	3105.270, 2184.530	3.891, 2.829	2.379, 2.157	2.984, 2.404
	SD, SE	2333.5800, 1043.6100	1693.8100, 598.8510	1933.6900, 536.3100	3.4049, 1.3900	1.1458, 0.3819	2.3406, 0.6043
	MEDIAN	2707.430	3046.990	2933.960	2.050	2.270	2.100
	MIN, MAX	1851.270, 7314.615	95.232, 4888.236	95.232, 7314.615	1.110, 8.410	1.200, 4.740	1.110, 8.410
	5%, 95%	1851.270, 7314.620	95.232, 4888.240	95.232, 7314.620	1.110, 8.410	1.200, 4.740	1.110, 8.410
	BLQ Values Included	0	0	0	4	9	13
\$50,000 or more	N	2	9	11	5	7	12
	MEAN, GEO MEAN	1475.010, 1474.730	2989.930, 2500.310	2714.490, 2271.460	5.744, 3.235	2.257, 2.217	3.710, 2.595
	SD, SE	40.2832, 28.4845	1775.3600, 591.7870	1702.1300, 513.2100	7.8807, 3.5243	0.4520, 0.1708	5.0910, 1.4697
	MEDIAN	1475.010	2397.850	2293.780	2.900	2.360	2.380
	MIN, MAX	1446.522, 1503.491	837.200, 5749.170	837.200, 5749.170	1.080, 19.760	1.610, 2.900	1.080, 19.760
	5%, 95%	1446.520, 1503.490	837.200, 5749.170	837.200, 5749.170	1.080, 19.760	1.610, 2.900	1.080, 19.760
	BLQ Values Included	0	0	0	3	7	10

TABLE 14.4-11
DESCRIPTIVE STATISTICS OF 24-HOUR URINE BIOMARKERS OF EXPOSURE BY TIMEPOINT FOR DEMOGRAPHIC CHARACTERISTIC: ANNUAL HOUSEHOLD INCOME
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Lab: Harrogate
Biomarker: Total Nicotine (ug/24hr)
Timepoint: Overall^{*}

Characteristic	Statistic	Smokers			Non-Smokers		
		Male	Female	Overall	Male	Female	Overall
\$19,999 or less	N	5	5	10	9	4	13
	MEAN, GEO MEAN	3343.350, 3038.650	1484.550, 864.899	2413.950, 1621.150	18.106, 4.195	2.534, 2.412	13.315, 3.538
	SD, SE	1469.5400, 657.2000	1393.5700, 623.2220	1668.1400, 527.5120	45.0580, 15.0193	0.9403, 0.4701	37.5455, 10.4132
	MEDIAN	3551.270	1526.060	2289.860	3.352	2.339	2.887
	MIN, MAX	1328.560, 5334.180	172.571, 3593.170	172.571, 5334.180	1.255, 138.186	1.650, 3.808	1.255, 138.186
	5%, 95%	1328.560, 5334.180	172.571, 3593.170	172.571, 5334.180	1.255, 138.186	1.650, 3.808	1.255, 138.186
\$20,000 to \$39,999	N	5	10	15	10	16	26
	MEAN, GEO MEAN	1387.010, 492.812	2430.970, 1903.110	2082.980, 1213.030	4.951, 2.147	2.387, 2.089	3.373, 2.111
	SD, SE	1801.2700, 805.5540	1893.9700, 598.9260	1868.8300, 482.5300	9.9181, 3.1364	1.2842, 0.3211	6.1660, 1.2093
	MEDIAN	773.421	1881.620	1275.840	1.525	2.131	1.850
	MIN, MAX	14.303, 4533.680	485.306, 6909.320	14.303, 6909.320	0.977, 32.968	0.980, 4.729	0.977, 32.968
	5%, 95%	14.303, 4533.680	485.306, 6909.320	14.303, 6909.320	0.977, 32.968	0.980, 4.729	0.980, 5.031
\$40,000 to \$49,999	N	5	8	13	6	9	15
	MEAN, GEO MEAN	2952.270, 2732.090	2698.200, 1855.090	2795.920, 2152.930	4.210, 2.659	2.187, 1.983	2.996, 2.230
	SD, SE	1237.8800, 553.5950	1645.6900, 581.8400	1451.6100, 402.6050	4.4596, 1.8206	0.9924, 0.3308	2.9528, 0.7624
	MEDIAN	2852.880	2894.020	2852.880	1.586	2.150	2.143
	MIN, MAX	1516.530, 4398.490	162.499, 4984.700	162.499, 4984.700	1.057, 11.448	0.967, 4.075	0.967, 11.448
	5%, 95%	1516.530, 4398.490	162.499, 4984.700	162.499, 4984.700	1.057, 11.448	0.967, 4.075	0.967, 11.448
\$50,000 or more	N	3	9	12	5	7	12
	MEAN, GEO MEAN	2318.570, 2218.180	2910.410, 2269.100	2762.450, 2256.270	5.492, 3.725	2.161, 2.096	3.549, 2.664
	SD, SE	858.4800, 495.6430	1896.4000, 632.1320	1679.6300, 484.8670	5.4124, 2.4205	0.5519, 0.2086	3.7096, 1.0709
	MEDIAN	2086.060	1936.530	2011.300	2.427	2.210	2.217
	MIN, MAX	1600.300, 3269.360	506.517, 5294.820	506.517, 5294.820	1.500, 14.099	1.293, 2.833	1.293, 14.099
	5%, 95%	1600.300, 3269.360	506.517, 5294.820	506.517, 5294.820	1.500, 14.099	1.293, 2.833	1.293, 14.099

* Overall values calculated by first averaging the results across visits within a subject, then calculating the descriptive statistics across subjects. Count of BLQ values does not apply as the BLQ values were converted to the upper limit of the BLQ (e.g., '<1.234' will be used as '1.234') for the averages across visits within a subject thus eliminating all BLQ values for the overall statistics.

TABLE 14.4-11
DESCRIPTIVE STATISTICS OF 24-HOUR URINE BIOMARKERS OF EXPOSURE BY TIMEPOINT FOR DEMOGRAPHIC CHARACTERISTIC: ANNUAL HOUSEHOLD INCOME
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Lab: Harrogate
Biomarker: Total Nicotine (nmol/24hr)
Timepoint: Week 1

Characteristic	Statistic	Smokers			Non-Smokers		
		Male	Female	Overall	Male	Female	Overall
\$19,999 or less	N	5	5	10	9	4	13
	MEAN, GEO MEAN	19789.400, 18196.200	8101.510, 4724.250	13945.500, 9271.640	55.549, 18.238	12.307, 11.904	42.244, 15.994
	SD, SE	8245.7500, 3687.6100	7455.8100, 3334.3400	9636.9900, 3047.4800	125.0690, 41.6896	3.7323, 1.8661	104.2260, 28.9071
	MEDIAN	19153.100	6547.230	14865.800	16.313	11.683	13.810
	MIN, MAX	8561.681, 30169.969	939.306, 17959.527	939.306, 30169.969	4.994, 388.728	8.446, 17.416	4.994, 388.728
	5%, 95%	8561.680, 30170.000	939.306, 17959.500	939.306, 30170.000	4.994, 388.728	8.446, 17.416	4.994, 388.728
	BLQ Values Included	0	0	0	3	3	6
\$20,000 to \$39,999	N	5	10	15	10	16	26
	MEAN, GEO MEAN	7754.640, 3161.190	14128.300, 10046.600	12003.800, 6833.280	64.487, 14.259	16.690, 13.096	35.073, 13.532
	SD, SE	9374.2400, 4192.2900	10755.9000, 3401.3000	10447.5000, 2697.5400	168.4560, 53.2705	12.8187, 3.2047	104.2920, 20.4534
	MEDIAN	5812.910	11588.600	7865.550	9.673	11.729	9.981
	MIN, MAX	136.475, 23926.248	2071.366, 34940.014	136.475, 34940.014	3.267, 543.506	3.514, 47.939	3.267, 543.506
	5%, 95%	136.475, 23926.200	2071.370, 34940.000	136.475, 34940.000	3.267, 543.506	3.514, 47.939	3.514, 47.939
	BLQ Values Included	0	0	0	5	11	16
\$40,000 to \$49,999	N	5	8	13	6	9	15
	MEAN, GEO MEAN	14816.900, 13834.600	16758.800, 10763.200	16011.900, 11854.300	36.620, 16.347	11.981, 11.034	21.836, 12.912
	SD, SE	6076.5800, 2717.5300	12643.6000, 4470.1800	10321.2000, 2862.5800	48.9990, 20.0038	4.7052, 1.5684	32.0348, 8.2713
	MEDIAN	12604.100	16257.900	15480.300	8.970	12.207	12.022
	MIN, MAX	8362.329, 22607.826	717.144, 39072.999	717.144, 39072.999	4.007, 124.286	4.932, 17.879	4.007, 124.286
	5%, 95%	8362.330, 22607.800	717.144, 39073.000	717.144, 39073.000	4.007, 124.286	4.932, 17.879	4.007, 124.286
	BLQ Values Included	0	0	0	4	9	13
\$50,000 or more	N	3	9	12	5	7	12
	MEAN, GEO MEAN	15894.400, 14214.100	17869.300, 11744.400	17375.600, 12318.400	41.116, 24.878	12.797, 12.000	24.596, 16.260
	SD, SE	8454.5200, 4881.2200	15075.3000, 5025.0800	13381.9000, 3863.0300	43.4359, 19.4251	4.7598, 1.7990	30.1838, 8.7133
	MEDIAN	15999.300	8841.310	12420.300	12.577	12.207	12.392
	MIN, MAX	7387.939, 24296.006	2774.435, 37492.941	2774.435, 37492.941	9.124, 106.334	5.918, 20.653	5.918, 106.334
	5%, 95%	7387.940, 24296.000	2774.440, 37492.900	2774.440, 37492.900	9.124, 106.334	5.918, 20.653	5.918, 106.334
	BLQ Values Included	0	0	0	3	6	9

TABLE 14.4-11
DESCRIPTIVE STATISTICS OF 24-HOUR URINE BIOMARKERS OF EXPOSURE BY TIMEPOINT FOR DEMOGRAPHIC CHARACTERISTIC: ANNUAL HOUSEHOLD INCOME
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Lab: Harrogate
Biomarker: Total Nicotine (nmol/24hr)
Timepoint: Week 2

Characteristic	Statistic	Smokers			Non-Smokers		
		Male	Female	Overall	Male	Female	Overall
\$19,999 or less	N	5	5	10	9	4	13
	MEAN, GEO MEAN	20711.200, 19509.100	8003.030, 4257.250	14357.100, 9113.460	262.372, 30.046	20.095, 16.416	187.825, 24.947
	SD, SE	6944.5300, 3105.6900	9002.5700, 4026.0700	10115.1000, 3198.6700	707.9440, 235.9810	16.1171, 8.0585	589.6900, 163.5510
	MEDIAN	22519.800	7124.640	14707.300	16.954	13.995	14.426
	MIN, MAX	9608.270, 28411.649	928.893, 23064.430	928.893, 28411.649	6.307, 2148.842	8.446, 43.944	6.307, 2148.842
	5%, 95%	9608.270, 28411.600	928.893, 23064.400	928.893, 28411.600	6.307, 2148.840	8.446, 43.944	6.307, 2148.840
\$20,000 to \$39,999	BLQ Values Included	0	0	0	5	2	7
	N	5	9	14	10	16	26
	MEAN, GEO MEAN	6321.320, 2915.000	18500.000, 13440.900	14150.500, 7786.830	10.857, 8.954	14.804, 12.517	13.286, 11.004
	SD, SE	4360.5900, 1950.1100	17816.7000, 5938.8900	15422.9000, 4121.9500	7.3126, 2.3124	8.9268, 2.2317	8.4201, 1.6513
	MEDIAN	6331.420	12043.700	9261.980	8.878	12.900	11.097
	MIN, MAX	66.027, 12242.149	3912.451, 58890.910	66.027, 58890.910	3.853, 25.776	4.069, 37.976	3.853, 37.976
\$40,000 to \$49,999	5%, 95%	66.027, 12242.100	3912.450, 58890.900	66.027, 58890.900	3.853, 25.776	4.069, 37.976	4.069, 27.434
	BLQ Values Included	0	0	0	7	14	21
	N	5	8	13	6	9	15
	MEAN, GEO MEAN	16892.200, 15033.300	16343.600, 11557.000	16554.600, 12787.100	17.262, 13.411	13.793, 11.985	15.180, 12.536
	SD, SE	7626.8300, 3410.8200	10813.6000, 3823.1800	9363.6500, 2597.0100	13.8964, 5.6732	7.4579, 2.4860	10.1905, 2.6312
	MEDIAN	21189.700	17366.500	18727.200	8.816	13.625	10.542
\$50,000 or more	MIN, MAX	5855.486, 23651.406	1701.170, 35822.811	1701.170, 35822.811	7.460, 35.603	4.624, 28.267	4.624, 35.603
	5%, 95%	5855.490, 23651.400	1701.170, 35822.800	1701.170, 35822.800	7.460, 35.603	4.624, 28.267	4.624, 35.603
	BLQ Values Included	0	0	0	4	9	13
	N	3	9	12	5	7	12
	MEAN, GEO MEAN	14206.800, 14148.000	17525.700, 12934.000	16696.000, 13227.400	25.053, 19.827	13.255, 12.813	18.171, 15.369
	SD, SE	1607.4100, 928.0380	11459.3000, 3819.7500	9910.8300, 2861.0100	19.2834, 8.6238	3.5574, 1.3446	13.3803, 3.8626
\$50,000 or more	MEDIAN	13664.600	12833.600	13302.600	17.879	13.255	14.272
	MIN, MAX	12940.637, 16015.209	1432.253, 33416.519	1432.253, 33416.519	9.186, 55.238	8.076, 17.879	8.076, 55.238
	5%, 95%	12940.600, 16015.200	1432.250, 33416.500	1432.250, 33416.500	9.186, 55.238	8.076, 17.879	8.076, 55.238
	BLQ Values Included	0	0	0	3	7	10

TABLE 14.4-11
DESCRIPTIVE STATISTICS OF 24-HOUR URINE BIOMARKERS OF EXPOSURE BY TIMEPOINT FOR DEMOGRAPHIC CHARACTERISTIC: ANNUAL HOUSEHOLD INCOME
(Page 7 of 7)

Lab: Harrogate
Biomarker: Total Nicotine (nmol/24hr)
Timepoint: Week 3

Characteristic	Statistic	Smokers			Non-Smokers		
		Male	Female	Overall	Male	Female	Overall
\$19,999 or less	N	5	4	9	9	4	13
	MEAN, GEO MEAN	21334.600, 16406.200	13924.300, 10589.800	18041.200, 13505.500	16.955, 15.344	14.463, 14.209	16.188, 14.986
	SD, SE	16330.3000, 7303.1400	9344.1000, 4672.0500	13466.1000, 4488.6900	9.4910, 3.1637	3.0081, 1.5041	7.9842, 2.2144
	MEDIAN	17189.800	13838.200	14552.600	14.204	14.870	14.765
	MIN, MAX	6401.736, 45432.376	2589.300, 25431.630	2589.300, 45432.376	8.816, 40.738	10.419, 17.694	8.816, 40.738
	5%, 95%	6401.740, 45432.400	2589.300, 25431.600	2589.300, 45432.400	8.816, 40.738	10.419, 17.694	8.816, 40.738
	BLQ Values Included	0	0	0	5	3	8
\$20,000 to \$39,999	N	5	8	13	10	16	26
	MEAN, GEO MEAN	11576.800, 2342.340	15387.600, 13466.100	13921.900, 6872.120	16.225, 12.154	12.658, 11.548	14.030, 11.777
	SD, SE	20308.5000, 9082.2400	9145.3100, 3233.3500	13783.7000, 3822.9100	14.3013, 4.5225	5.6001, 1.4000	9.7764, 1.9173
	MEDIAN	2160.110	12276.700	9931.430	10.789	11.932	11.378
	MIN, MAX	62.026, 47682.083	6756.131, 33956.968	62.026, 47682.083	4.624, 44.536	5.795, 24.339	4.624, 44.536
	5%, 95%	62.026, 47682.100	6756.130, 33957.000	62.026, 47682.100	4.624, 44.536	5.795, 24.339	4.624, 40.461
	BLQ Values Included	0	0	0	7	14	21
\$40,000 to \$49,999	N	5	8	13	6	9	15
	MEAN, GEO MEAN	22893.200, 19735.100	16800.800, 10606.600	19144.000, 13467.700	23.985, 17.438	14.666, 13.297	18.394, 14.820
	SD, SE	14386.5000, 6433.8400	10442.3000, 3691.9200	11921.2000, 3306.3500	20.9914, 8.5697	7.0635, 2.3545	14.4296, 3.7257
	MEDIAN	16691.300	18784.700	18087.900	12.639	13.995	12.947
	MIN, MAX	11413.080, 45094.601	587.105, 30135.975	587.105, 45094.601	6.843, 51.848	7.398, 29.222	6.843, 51.848
	5%, 95%	11413.100, 45094.600	587.105, 30136.000	587.105, 45094.600	6.843, 51.848	7.398, 29.222	6.843, 51.848
	BLQ Values Included	0	0	0	4	9	13
\$50,000 or more	N	2	9	11	5	7	12
	MEAN, GEO MEAN	9093.420, 9091.720	18432.900, 15414.400	16734.800, 14003.600	35.412, 19.943	13.915, 13.670	22.872, 16.000
	SD, SE	248.3460, 175.6070	10945.1000, 3648.3700	10493.6000, 3163.9400	48.5840, 21.7274	2.7865, 1.0532	31.3862, 9.0604
	MEDIAN	9093.420	14782.700	14141.100	17.879	14.549	14.673
	MIN, MAX	8917.808, 9269.022	5161.338, 35443.633	5161.338, 35443.633	6.658, 121.820	9.926, 17.879	6.658, 121.820
	5%, 95%	8917.810, 9269.020	5161.340, 35443.600	5161.340, 35443.600	6.658, 121.820	9.926, 17.879	6.658, 121.820
	BLQ Values Included	0	0	0	3	7	10

TABLE 14.4-11
DESCRIPTIVE STATISTICS OF 24-HOUR URINE BIOMARKERS OF EXPOSURE BY TIMEPOINT FOR DEMOGRAPHIC CHARACTERISTIC: ANNUAL HOUSEHOLD INCOME
(Page 8 of 7)

Lab: Harrogate
Biomarker: Total Nicotine (nmol/24hr)
Timepoint: Overall*

Characteristic	Statistic	Smokers			Non-Smokers		
		Male	Female	Overall	Male	Female	Overall
\$19,999 or less	N	5	5	10	9	4	13
	MEAN, GEO MEAN	20611.800, 18733.300	9152.260, 5332.100	14882.000, 9994.390	111.625, 25.862	15.622, 14.869	82.086, 21.812
	SD, SE	9059.7400, 4051.6400	8591.3400, 3842.1600	10284.1000, 3252.1100	277.7830, 92.5945	5.7953, 2.8976	231.4690, 64.1979
	MEDIAN	21893.600	9408.160	14117.000	20.665	14.420	17.796
	MIN, MAX	8190.560, 32885.200	1063.900, 22151.900	1063.900, 32885.200	7.737, 851.919	10.172, 23.474	7.737, 851.919
	5%, 95%	8190.560, 32885.200	1063.900, 22151.900	1063.900, 32885.200	7.737, 851.919	10.172, 23.474	7.737, 851.919
\$20,000 to \$39,999	N	5	10	15	10	16	26
	MEAN, GEO MEAN	8550.940, 3038.170	14986.900, 11732.700	12841.600, 7478.290	30.523, 13.237	14.717, 12.879	20.796, 13.016
	SD, SE	11104.9000, 4966.2500	11676.3000, 3692.3800	11521.3000, 2974.8000	61.1449, 19.3357	7.9172, 1.9793	38.0137, 7.4551
	MEDIAN	4768.140	11600.200	7865.550	9.402	13.137	11.406
	MIN, MAX	88.176, 27950.200	2991.910, 42596.000	88.176, 42596.000	6.021, 203.248	6.042, 29.152	6.021, 203.248
	5%, 95%	88.176, 27950.200	2991.910, 42596.000	88.176, 42596.000	6.021, 203.248	6.042, 29.152	6.042, 31.018
\$40,000 to \$49,999	N	5	8	13	6	9	15
	MEAN, GEO MEAN	18200.700, 16843.300	16634.400, 11436.600	17236.800, 13272.800	25.956, 16.395	13.480, 12.224	18.470, 13.747
	SD, SE	7631.5100, 3412.9100	10145.7000, 3587.0400	8949.1700, 2482.0500	27.4941, 11.2244	6.1189, 2.0396	18.2042, 4.7003
	MEDIAN	17588.000	17841.700	17588.000	9.777	13.255	13.214
	MIN, MAX	9349.400, 27116.700	1001.810, 30730.600	1001.810, 30730.600	6.514, 70.579	5.960, 25.123	5.960, 70.579
	5%, 95%	9349.400, 27116.700	1001.810, 30730.600	1001.810, 30730.600	6.514, 70.579	5.960, 25.123	5.960, 70.579
\$50,000 or more	N	3	9	12	5	7	12
	MEAN, GEO MEAN	14294.000, 13675.100	17942.700, 13989.000	17030.500, 13909.900	33.860, 22.965	13.322, 12.924	21.880, 16.422
	SD, SE	5292.5100, 3055.6300	11691.3000, 3897.0900	10354.9000, 2989.2000	33.3673, 14.9223	3.4019, 1.2858	22.8696, 6.6019
	MEDIAN	12860.600	11938.700	12399.700	14.961	13.625	13.666
	MIN, MAX	9865.870, 20155.600	3122.680, 32642.600	3122.680, 32642.600	9.247, 86.920	7.973, 17.468	7.973, 86.920
	5%, 95%	9865.870, 20155.600	3122.680, 32642.600	3122.680, 32642.600	9.247, 86.920	7.973, 17.468	7.973, 86.920

* Overall values calculated by first averaging the results across visits within a subject, then calculating the descriptive statistics across subjects. Count of BLQ values does not apply as the BLQ values were converted to the upper limit of the BLQ (e.g., '<1.234' will be used as '1.234') for the averages across visits within a subject thus eliminating all BLQ values for the overall statistics.

TABLE 14.4-11
DESCRIPTIVE STATISTICS OF 24-HOUR URINE BIOMARKERS OF EXPOSURE BY TIMEPOINT FOR DEMOGRAPHIC CHARACTERISTIC: ANNUAL HOUSEHOLD INCOME
(Page 9 of 7)

Lab: Harrogate
Biomarker: Total Nicotine (ug/mg Creatinin)
Timepoint: Week 1

Characteristic	Statistic	Smokers			Non-Smokers		
		Male	Female	Overall	Male	Female	Overall
\$19,999 or less	N	5	5	10	9	4	13
	MEAN, GEO MEAN	3.212, 2.060	0.941, 0.568	2.077, 1.081	0.006, 0.002	0.002, 0.002	0.005, 0.002
	SD, SE	3.5886, 1.6049	0.8188, 0.3662	2.7302, 0.8634	0.0143, 0.0048	0.0000, 0.0000	0.0118, 0.0033
	MEDIAN	1.341	0.806	1.284	0.001	0.002	0.002
	MIN, MAX	0.701, 9.353	0.100, 1.905	0.100, 9.353	0.001, 0.044	0.002, 0.002	0.001, 0.044
	5%, 95%	0.701, 9.353	0.100, 1.905	0.100, 9.353	0.001, 0.044	0.002, 0.002	0.001, 0.044
	BLQ Values Included	0	0	0	3	3	6
\$20,000 to \$39,999	N	5	10	15	10	16	26
	MEAN, GEO MEAN	1.020, 0.409	2.204, 1.736	1.809, 1.073	0.005, NA	0.002, NA	0.004, NA
	SD, SE	1.3250, 0.5926	1.4358, 0.4540	1.4699, 0.3795	0.0130, 0.0041	0.0026, 0.0006	0.0081, 0.0016
	MEDIAN	0.643	2.039	1.464	0.001	0.002	0.002
	MIN, MAX	0.021, 3.332	0.286, 5.254	0.021, 5.254	0.000, 0.042	0.000, 0.011	0.000, 0.042
	5%, 95%	0.021, 3.332	0.286, 5.254	0.021, 5.254	0.000, 0.042	0.000, 0.011	0.000, 0.011
	BLQ Values Included	0	0	0	5	11	16
\$40,000 to \$49,999	N	5	8	13	6	9	15
	MEAN, GEO MEAN	1.818, 1.670	2.019, 1.370	1.942, 1.478	0.004, NA	0.002, 0.002	0.003, NA
	SD, SE	0.7432, 0.3324	1.2484, 0.4414	1.0505, 0.2914	0.0061, 0.0025	0.0006, 0.0002	0.0038, 0.0010
	MEDIAN	2.005	2.064	2.005	0.001	0.002	0.002
	MIN, MAX	0.773, 2.646	0.097, 3.770	0.097, 3.770	0.000, 0.016	0.001, 0.003	0.000, 0.016
	5%, 95%	0.773, 2.646	0.097, 3.770	0.097, 3.770	0.000, 0.016	0.001, 0.003	0.000, 0.016
	BLQ Values Included	0	0	0	4	9	13
\$50,000 or more	N	3	9	12	5	7	12
	MEAN, GEO MEAN	1.893, 1.879	2.466, 1.600	2.323, 1.665	0.004, 0.002	0.002, 0.001	0.003, 0.002
	SD, SE	0.2929, 0.1691	2.0848, 0.6949	1.8011, 0.5199	0.0042, 0.0019	0.0005, 0.0002	0.0028, 0.0008
	MEDIAN	1.794	1.262	1.729	0.002	0.002	0.002
	MIN, MAX	1.663, 2.223	0.241, 5.798	0.241, 5.798	0.001, 0.011	0.001, 0.002	0.001, 0.011
	5%, 95%	1.663, 2.223	0.241, 5.798	0.241, 5.798	0.001, 0.011	0.001, 0.002	0.001, 0.011
	BLQ Values Included	0	0	0	3	6	9

TABLE 14.4-11
DESCRIPTIVE STATISTICS OF 24-HOUR URINE BIOMARKERS OF EXPOSURE BY TIMEPOINT FOR DEMOGRAPHIC CHARACTERISTIC: ANNUAL HOUSEHOLD INCOME
(Page 10 of 7)

Lab: Harrogate
Biomarker: Total Nicotine (ug/mg Creatinin)
Timepoint: Week 2

Characteristic	Statistic	Smokers			Non-Smokers		
		Male	Female	Overall	Male	Female	Overall
\$19,999 or less	N	5	5	10	9	4	13
	MEAN, GEO MEAN	3.104, 2.406	1.009, 0.573	2.057, 1.175	0.040, NA	0.003, 0.003	0.029, NA
	SD, SE	2.5826, 1.1550	0.9202, 0.4115	2.1353, 0.6753	0.1100, 0.0367	0.0025, 0.0013	0.0915, 0.0254
	MEDIAN	2.214	0.896	1.682	0.001	0.003	0.002
	MIN, MAX	0.886, 7.451	0.130, 2.190	0.130, 7.451	0.000, 0.333	0.001, 0.007	0.000, 0.333
	5%, 95%	0.886, 7.451	0.130, 2.190	0.130, 7.451	0.000, 0.333	0.001, 0.007	0.000, 0.333
	BLQ Values Included	0	0	0	5	2	7
\$20,000 to \$39,999	N	5	9	14	10	16	26
	MEAN, GEO MEAN	0.872, 0.405	2.258, 1.642	1.763, 0.996	0.002, NA	0.002, NA	0.002, NA
	SD, SE	0.7088, 0.3170	2.2177, 0.7392	1.9121, 0.5110	0.0013, 0.0004	0.0014, 0.0003	0.0013, 0.0003
	MEDIAN	0.778	1.504	1.161	0.001	0.002	0.001
	MIN, MAX	0.012, 1.933	0.471, 7.495	0.012, 7.495	0.000, 0.004	0.000, 0.004	0.000, 0.004
	5%, 95%	0.012, 1.933	0.471, 7.495	0.012, 7.495	0.000, 0.004	0.000, 0.004	0.000, 0.004
	BLQ Values Included	0	0	0	7	14	21
\$40,000 to \$49,999	N	5	8	13	6	9	15
	MEAN, GEO MEAN	1.907, 1.638	1.855, 1.467	1.875, 1.531	0.002, 0.001	0.002, 0.002	0.002, 0.002
	SD, SE	1.0497, 0.4694	1.0049, 0.3553	0.9783, 0.2713	0.0010, 0.0004	0.0011, 0.0004	0.0010, 0.0003
	MEDIAN	2.213	2.176	2.190	0.001	0.002	0.001
	MIN, MAX	0.789, 3.134	0.275, 3.372	0.275, 3.372	0.001, 0.003	0.001, 0.004	0.001, 0.004
	5%, 95%	0.789, 3.134	0.275, 3.372	0.275, 3.372	0.001, 0.003	0.001, 0.004	0.001, 0.004
	BLQ Values Included	0	0	0	4	9	13
\$50,000 or more	N	3	9	12	5	7	12
	MEAN, GEO MEAN	1.472, 1.435	2.522, 1.735	2.259, 1.655	0.002, 0.002	0.002, 0.002	0.002, 0.002
	SD, SE	0.3794, 0.2190	1.9543, 0.6514	1.7405, 0.5024	0.0013, 0.0006	0.0008, 0.0003	0.0010, 0.0003
	MEDIAN	1.684	1.789	1.725	0.002	0.002	0.002
	MIN, MAX	1.034, 1.698	0.182, 6.431	0.182, 6.431	0.001, 0.004	0.001, 0.003	0.001, 0.004
	5%, 95%	1.034, 1.698	0.182, 6.431	0.182, 6.431	0.001, 0.004	0.001, 0.003	0.001, 0.004
	BLQ Values Included	0	0	0	3	7	10

TABLE 14.4-11
DESCRIPTIVE STATISTICS OF 24-HOUR URINE BIOMARKERS OF EXPOSURE BY TIMEPOINT FOR DEMOGRAPHIC CHARACTERISTIC: ANNUAL HOUSEHOLD INCOME
(Page 11 of 7)

Lab: Harrogate
Biomarker: Total Nicotine (ug/mg Creatinin)
Timepoint: Week 3

Characteristic	Statistic	Smokers			Non-Smokers		
		Male	Female	Overall	Male	Female	Overall
\$19,999 or less	N	5	4	9	9	4	13
	MEAN, GEO MEAN	2.188, 1.872	1.631, 1.412	1.940, 1.652	0.002, 0.001	0.002, 0.002	0.002, 0.002
	SD, SE	1.0252, 0.4585	0.7711, 0.3856	0.9137, 0.3046	0.0007, 0.0002	0.0005, 0.0003	0.0007, 0.0002
	MEDIAN	2.251	1.927	2.175	0.001	0.002	0.002
	MIN, MAX	0.528, 3.302	0.494, 2.175	0.494, 3.302	0.001, 0.003	0.002, 0.003	0.001, 0.003
	5%, 95%	0.528, 3.302	0.494, 2.175	0.494, 3.302	0.001, 0.003	0.002, 0.003	0.001, 0.003
	BLQ Values Included	0	0	0	5	3	8
\$20,000 to \$39,999	N	5	8	13	10	16	26
	MEAN, GEO MEAN	1.267, 0.313	2.399, 2.052	1.964, 0.995	0.001, NA	0.002, 0.002	0.002, NA
	SD, SE	2.0827, 0.9314	1.3294, 0.4700	1.6748, 0.4645	0.0012, 0.0004	0.0015, 0.0004	0.0014, 0.0003
	MEDIAN	0.536	2.284	1.180	0.001	0.002	0.001
	MIN, MAX	0.009, 4.966	0.932, 4.112	0.009, 4.966	0.000, 0.004	0.001, 0.005	0.000, 0.005
	5%, 95%	0.009, 4.966	0.932, 4.112	0.009, 4.966	0.000, 0.004	0.001, 0.005	0.000, 0.005
	BLQ Values Included	0	0	0	7	14	21
\$40,000 to \$49,999	N	5	8	13	6	9	15
	MEAN, GEO MEAN	2.208, 1.968	1.916, 1.334	2.028, 1.549	0.002, NA	0.002, 0.002	0.002, NA
	SD, SE	1.1857, 0.5302	1.0351, 0.3660	1.0562, 0.2929	0.0020, 0.0008	0.0011, 0.0004	0.0014, 0.0004
	MEDIAN	1.622	2.326	2.294	0.001	0.002	0.002
	MIN, MAX	1.126, 3.796	0.095, 2.943	0.095, 3.796	0.000, 0.005	0.001, 0.004	0.000, 0.005
	5%, 95%	1.126, 3.796	0.095, 2.943	0.095, 3.796	0.000, 0.005	0.001, 0.004	0.000, 0.005
	BLQ Values Included	0	0	0	4	9	13
\$50,000 or more	N	2	9	11	5	7	12
	MEAN, GEO MEAN	1.263, 1.229	2.746, 2.166	2.476, 1.954	0.003, NA	0.002, 0.001	0.002, NA
	SD, SE	0.4130, 0.2920	1.8543, 0.6181	1.7685, 0.5332	0.0044, 0.0020	0.0005, 0.0002	0.0028, 0.0008
	MEDIAN	1.263	2.558	1.757	0.002	0.002	0.002
	MIN, MAX	0.971, 1.555	0.558, 5.794	0.558, 5.794	0.000, 0.011	0.001, 0.002	0.000, 0.011
	5%, 95%	0.971, 1.555	0.558, 5.794	0.558, 5.794	0.000, 0.011	0.001, 0.002	0.000, 0.011
	BLQ Values Included	0	0	0	3	7	10

TABLE 14.4-11
DESCRIPTIVE STATISTICS OF 24-HOUR URINE BIOMARKERS OF EXPOSURE BY TIMEPOINT FOR DEMOGRAPHIC CHARACTERISTIC: ANNUAL HOUSEHOLD INCOME
(Page 12 of 7)

Lab: Harrogate
Biomarker: Total Nicotine (ug/mg Creatinin)
Timepoint: Overall¹

Characteristic	Statistic	Smokers			Non-Smokers		
		Male	Female	Overall	Male	Female	Overall
\$19,999 or less	N	5	5	10	9	4	13
	MEAN, GEO MEAN	2.835, 2.241	1.093, 0.688	1.964, 1.242	0.016, 0.002	0.003, 0.003	0.012, 0.003
	SD, SE	2.1291, 0.9521	0.8722, 0.3901	1.7875, 0.5653	0.0414, 0.0138	0.0010, 0.0005	0.0344, 0.0095
	MEDIAN	2.286	1.176	1.885	0.001	0.003	0.002
	MIN, MAX	0.705, 6.341	0.122, 1.961	0.122, 6.341	0.001, 0.126	0.002, 0.004	0.001, 0.126
	5%, 95%	0.705, 6.341	0.122, 1.961	0.122, 6.341	0.001, 0.126	0.002, 0.004	0.001, 0.126
\$20,000 to \$39,999	N	5	10	15	10	16	26
	MEAN, GEO MEAN	1.053, 0.393	2.305, 1.851	1.888, 1.104	0.003, NA	0.002, NA	0.002, NA
	SD, SE	1.3530, 0.6051	1.5455, 0.4887	1.5595, 0.4027	0.0045, 0.0014	0.0016, 0.0004	0.0030, 0.0006
	MEDIAN	0.652	1.630	1.431	0.001	0.002	0.002
	MIN, MAX	0.014, 3.410	0.379, 5.620	0.014, 5.620	0.000, 0.015	0.000, 0.006	0.000, 0.015
	5%, 95%	0.014, 3.410	0.379, 5.620	0.014, 5.620	0.000, 0.015	0.000, 0.006	0.000, 0.006
\$40,000 to \$49,999	N	5	8	13	6	9	15
	MEAN, GEO MEAN	1.978, 1.849	1.930, 1.429	1.948, 1.578	0.003, NA	0.002, 0.002	0.002, NA
	SD, SE	0.7602, 0.3400	1.0231, 0.3617	0.8966, 0.2487	0.0030, 0.0012	0.0009, 0.0003	0.0019, 0.0005
	MEDIAN	2.247	2.318	2.295	0.001	0.002	0.002
	MIN, MAX	1.061, 2.878	0.156, 3.026	0.156, 3.026	0.000, 0.008	0.001, 0.003	0.000, 0.008
	5%, 95%	1.061, 2.878	0.156, 3.026	0.156, 3.026	0.000, 0.008	0.001, 0.003	0.000, 0.008
\$50,000 or more	N	3	9	12	5	7	12
	MEAN, GEO MEAN	1.620, 1.595	2.578, 1.899	2.339, 1.818	0.003, 0.002	0.002, 0.001	0.002, 0.002
	SD, SE	0.3477, 0.2007	1.9009, 0.6336	1.6844, 0.4863	0.0028, 0.0012	0.0005, 0.0002	0.0019, 0.0006
	MEDIAN	1.634	1.775	1.705	0.002	0.002	0.002
	MIN, MAX	1.266, 1.961	0.327, 5.778	0.327, 5.778	0.001, 0.008	0.001, 0.002	0.001, 0.008
	5%, 95%	1.266, 1.961	0.327, 5.778	0.327, 5.778	0.001, 0.008	0.001, 0.002	0.001, 0.008

¹ Overall values calculated by first averaging the results across visits within a subject, then calculating the descriptive statistics across subjects. Count of BLQ values does not apply as the BLQ values were converted to the upper limit of the BLQ (e.g., '<1.234' will be used as '1.234') for the averages across visits within a subject thus eliminating all BLQ values for the overall statistics.

TABLE 14.4-11
DESCRIPTIVE STATISTICS OF 24-HOUR URINE BIOMARKERS OF EXPOSURE BY TIMEPOINT FOR DEMOGRAPHIC CHARACTERISTIC: ANNUAL HOUSEHOLD INCOME
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Lab: Harrogate
Biomarker: Total Nicotine (nmol/mg Creatin)
Timepoint: Week 1

Characteristic	Statistic	Smokers			Non-Smokers		
		Male	Female	Overall	Male	Female	Overall
\$19,999 or less	N	5	5	10	9	4	13
	MEAN, GEO MEAN	19.801, 12.697	5.803, 3.501	12.802, 6.667	0.037, 0.011	0.012, 0.012	0.029, 0.011
	SD, SE	22.1238, 9.8941	5.0477, 2.2374	16.8313, 5.3225	0.0879, 0.0293	0.0000, 0.0000	0.0727, 0.0202
	MEDIAN	8.267	4.969	7.913	0.006	0.012	0.012
	MIN, MAX	4.322, 57.661	0.617, 11.744	0.617, 57.661	0.006, 0.271	0.012, 0.012	0.006, 0.271
	5%, 95%	4.322, 57.661	0.617, 11.744	0.617, 57.661	0.006, 0.271	0.012, 0.012	0.006, 0.271
\$20,000 to \$39,999	BLQ Values Included	0	0	0	3	3	6
	N	5	10	15	10	16	26
	MEAN, GEO MEAN	6.289, 2.521	13.588, 10.703	11.155, 6.610	0.032, NA	0.015, NA	0.021, NA
	SD, SE	8.1688, 3.6532	8.8519, 2.7992	9.0620, 2.3398	0.0799, 0.0253	0.0160, 0.0040	0.0502, 0.0099
	MEDIAN	3.964	12.571	9.026	0.006	0.012	0.009
	MIN, MAX	0.129, 20.542	1.763, 32.391	0.129, 32.391	0.000, 0.259	0.000, 0.068	0.000, 0.259
\$40,000 to \$49,999	5%, 95%	0.129, 20.542	1.763, 32.391	0.129, 32.391	0.000, 0.259	0.000, 0.068	0.000, 0.068
	BLQ Values Included	0	0	0	5	11	16
	N	5	8	13	6	9	15
	MEAN, GEO MEAN	11.211, 10.295	12.445, 8.445	11.970, 9.113	0.025, NA	0.013, 0.012	0.017, NA
	SD, SE	4.5816, 2.0489	7.6967, 2.7212	6.4764, 1.7962	0.0380, 0.0155	0.0036, 0.0012	0.0237, 0.0061
	MEDIAN	12.361	12.722	12.361	0.006	0.012	0.012
\$50,000 or more	MIN, MAX	4.766, 16.313	0.598, 23.242	0.598, 23.242	0.000, 0.099	0.006, 0.018	0.000, 0.099
	5%, 95%	4.766, 16.313	0.598, 23.242	0.598, 23.242	0.000, 0.099	0.006, 0.018	0.000, 0.099
	BLQ Values Included	0	0	0	4	9	13
	N	3	9	12	5	7	12
	MEAN, GEO MEAN	11.672, 11.583	15.203, 9.863	14.321, 10.267	0.023, 0.015	0.009, 0.009	0.015, 0.011
	SD, SE	1.8061, 1.0428	12.8531, 4.2844	11.1036, 3.2053	0.0261, 0.0117	0.0032, 0.0012	0.0175, 0.0050
	MEDIAN	11.060	7.780	10.656	0.012	0.012	0.012
	MIN, MAX	10.252, 13.705	1.486, 35.745	1.486, 35.745	0.006, 0.068	0.006, 0.012	0.006, 0.068
	5%, 95%	10.252, 13.705	1.486, 35.745	1.486, 35.745	0.006, 0.068	0.006, 0.012	0.006, 0.068
	BLQ Values Included	0	0	0	3	6	9

TABLE 14.4-11
DESCRIPTIVE STATISTICS OF 24-HOUR URINE BIOMARKERS OF EXPOSURE BY TIMEPOINT FOR DEMOGRAPHIC CHARACTERISTIC: ANNUAL HOUSEHOLD INCOME
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Lab: Harrogate
Biomarker: Total Nicotine (nmol/mg Creatin)
Timepoint: Week 2

Characteristic	Statistic	Smokers			Non-Smokers		
		Male	Female	Overall	Male	Female	Overall
\$19,999 or less	N	5	5	10	9	4	13
	MEAN, GEO MEAN	19.136, 14.835	6.222, 3.534	12.679, 7.241	0.246, NA	0.020, 0.015	0.177, NA
	SD, SE	15.9217, 7.1204	5.6726, 2.5369	13.1642, 4.1629	0.6782, 0.2261	0.0163, 0.0081	0.5644, 0.1565
	MEDIAN	13.649	5.524	10.367	0.006	0.015	0.012
	MIN, MAX	5.462, 45.935	0.801, 13.501	0.801, 45.935	0.000, 2.053	0.006, 0.043	0.000, 2.053
	5%, 95%	5.462, 45.935	0.801, 13.501	0.801, 45.935	0.000, 2.053	0.006, 0.043	0.000, 2.053
	BLQ Values Included	0	0	0	5	2	7
\$20,000 to \$39,999	N	5	9	14	10	16	26
	MEAN, GEO MEAN	5.376, 2.498	13.921, 10.121	10.869, 6.141	0.009, NA	0.013, NA	0.011, NA
	SD, SE	4.3696, 1.9541	13.6721, 4.5574	11.7881, 3.1505	0.0078, 0.0025	0.0087, 0.0022	0.0084, 0.0016
	MEDIAN	4.796	9.272	7.158	0.006	0.009	0.006
	MIN, MAX	0.074, 11.917	2.904, 46.207	0.074, 46.207	0.000, 0.025	0.000, 0.025	0.000, 0.025
	5%, 95%	0.074, 11.917	2.904, 46.207	0.074, 46.207	0.000, 0.025	0.000, 0.025	0.000, 0.025
	BLQ Values Included	0	0	0	7	14	21
\$40,000 to \$49,999	N	5	8	13	6	9	15
	MEAN, GEO MEAN	11.758, 10.097	11.434, 9.047	11.558, 9.437	0.010, 0.009	0.011, 0.010	0.011, 0.009
	SD, SE	6.4711, 2.8940	6.1955, 2.1904	6.0312, 1.6728	0.0062, 0.0025	0.0066, 0.0022	0.0062, 0.0016
	MEDIAN	13.643	13.415	13.501	0.006	0.012	0.006
	MIN, MAX	4.864, 19.321	1.695, 20.788	1.695, 20.788	0.006, 0.018	0.006, 0.025	0.006, 0.025
	5%, 95%	4.864, 19.321	1.695, 20.788	1.695, 20.788	0.006, 0.018	0.006, 0.025	0.006, 0.025
	BLQ Values Included	0	0	0	4	9	13
\$50,000 or more	N	3	9	12	5	7	12
	MEAN, GEO MEAN	9.075, 8.849	15.546, 10.696	13.928, 10.201	0.013, 0.011	0.010, 0.009	0.012, 0.010
	SD, SE	2.3387, 1.3502	12.0484, 4.0161	10.7300, 3.0975	0.0082, 0.0037	0.0045, 0.0017	0.0062, 0.0018
	MEDIAN	10.382	11.029	10.635	0.012	0.012	0.012
	MIN, MAX	6.375, 10.468	1.122, 39.647	1.122, 39.647	0.006, 0.025	0.006, 0.018	0.006, 0.025
	5%, 95%	6.375, 10.468	1.122, 39.647	1.122, 39.647	0.006, 0.025	0.006, 0.018	0.006, 0.025
	BLQ Values Included	0	0	0	3	7	10

TABLE 14.4-11
DESCRIPTIVE STATISTICS OF 24-HOUR URINE BIOMARKERS OF EXPOSURE BY TIMEPOINT FOR DEMOGRAPHIC CHARACTERISTIC: ANNUAL HOUSEHOLD INCOME
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Lab: Harrogate
Biomarker: Total Nicotine (nmol/mg Creatin)
Timepoint: Week 3

Characteristic	Statistic	Smokers			Non-Smokers		
		Male	Female	Overall	Male	Female	Overall
\$19,999 or less	N	5	4	9	9	4	13
	MEAN, GEO MEAN	13.488, 11.540	10.052, 8.706	11.961, 10.182	0.009, 0.009	0.014, 0.013	0.011, 0.010
	SD, SE	6.3204, 2.8266	4.7539, 2.3769	5.6326, 1.8775	0.0044, 0.0015	0.0039, 0.0015	0.0044, 0.0012
	MEDIAN	13.877	11.877	13.409	0.006	0.012	0.012
	MIN, MAX	3.255, 20.357	3.046, 13.409	3.046, 20.357	0.006, 0.018	0.012, 0.018	0.006, 0.018
	5%, 95%	3.255, 20.357	3.046, 13.409	3.046, 20.357	0.006, 0.018	0.012, 0.018	0.006, 0.018
	BLQ Values Included	0	0	0	5	3	8
\$20,000 to \$39,999	N	5	8	13	10	16	26
	MEAN, GEO MEAN	7.812, 1.925	14.788, 12.648	12.105, 6.131	0.008, NA	0.014, 0.012	0.012, NA
	SD, SE	12.8397, 5.7421	8.1956, 2.8976	10.3253, 2.8637	0.0072, 0.0023	0.0094, 0.0023	0.0090, 0.0018
	MEDIAN	3.304	14.081	7.275	0.006	0.012	0.006
	MIN, MAX	0.055, 30.615	5.746, 25.350	0.055, 30.615	0.000, 0.025	0.006, 0.031	0.000, 0.031
	5%, 95%	0.055, 30.615	5.746, 25.350	0.055, 30.615	0.000, 0.025	0.006, 0.031	0.000, 0.031
	BLQ Values Included	0	0	0	7	14	21
\$40,000 to \$49,999	N	5	8	13	6	9	15
	MEAN, GEO MEAN	13.612, 12.135	11.810, 8.224	12.503, 9.552	0.012, NA	0.013, 0.011	0.013, NA
	SD, SE	7.3095, 3.2689	6.3813, 2.2561	6.5112, 1.8059	0.0125, 0.0051	0.0066, 0.0022	0.0090, 0.0023
	MEDIAN	10.000	14.337	14.143	0.006	0.012	0.012
	MIN, MAX	6.942, 23.402	0.586, 18.144	0.586, 23.402	0.000, 0.031	0.006, 0.025	0.000, 0.031
	5%, 95%	6.942, 23.402	0.586, 18.144	0.586, 23.402	0.000, 0.031	0.006, 0.025	0.000, 0.031
	BLQ Values Included	0	0	0	4	9	13
\$50,000 or more	N	2	9	11	5	7	12
	MEAN, GEO MEAN	7.787, 7.575	16.928, 13.351	15.266, 12.044	0.020, NA	0.009, 0.009	0.014, NA
	SD, SE	2.5463, 1.8005	11.4320, 3.8107	10.9031, 3.2874	0.0275, 0.0123	0.0032, 0.0012	0.0176, 0.0051
	MEDIAN	7.787	15.770	10.832	0.012	0.012	0.012
	MIN, MAX	5.986, 9.587	3.440, 35.720	3.440, 35.720	0.000, 0.068	0.006, 0.012	0.000, 0.068
	5%, 95%	5.986, 9.587	3.440, 35.720	3.440, 35.720	0.000, 0.068	0.006, 0.012	0.000, 0.068
	BLQ Values Included	0	0	0	3	7	10

TABLE 14.4-11
DESCRIPTIVE STATISTICS OF 24-HOUR URINE BIOMARKERS OF EXPOSURE BY TIMEPOINT FOR DEMOGRAPHIC CHARACTERISTIC: ANNUAL HOUSEHOLD INCOME
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Lab: Harrogate
Biomarker: Total Nicotine (nmol/mg Creatin)
Timepoint: Overall*

Characteristic	Statistic	Smokers			Non-Smokers		
		Male	Female	Overall	Male	Female	Overall
\$19,999 or less	N	5	5	10	9	4	13
	MEAN, GEO MEAN	17.475, 13.815	6.739, 4.242	12.107, 7.655	0.098, 0.016	0.015, 0.014	0.072, 0.015
	SD, SE	13.1266, 5.8704	5.3767, 2.4045	11.0202, 3.4849	0.2558, 0.0853	0.0053, 0.0026	0.2126, 0.0590
	MEDIAN	14.091	7.248	11.618	0.008	0.014	0.012
	MIN, MAX	4.346, 39.094	0.753, 12.088	0.753, 39.094	0.006, 0.779	0.010, 0.022	0.006, 0.779
	5%, 95%	4.346, 39.094	0.753, 12.088	0.753, 39.094	0.006, 0.779	0.010, 0.022	0.006, 0.779
\$20,000 to \$39,999	N	5	10	15	10	16	26
	MEAN, GEO MEAN	6.492, 2.420	14.213, 11.411	11.639, 6.805	0.016, 0.008	0.014, 0.011	0.015, 0.009
	SD, SE	8.3421, 3.7307	9.5283, 3.0131	9.6145, 2.4825	0.0279, 0.0088	0.0098, 0.0024	0.0184, 0.0036
	MEDIAN	4.021	10.052	8.824	0.007	0.010	0.009
	MIN, MAX	0.086, 21.025	2.334, 34.649	0.086, 34.649	0.002, 0.094	0.002, 0.037	0.002, 0.094
	5%, 95%	0.086, 21.025	2.334, 34.649	0.086, 34.649	0.002, 0.094	0.002, 0.037	0.002, 0.037
\$40,000 to \$49,999	N	5	8	13	6	9	15
	MEAN, GEO MEAN	12.194, 11.400	11.896, 8.807	12.011, 9.726	0.016, 0.009	0.012, 0.011	0.014, 0.010
	SD, SE	4.6853, 2.0953	6.3079, 2.2302	5.5272, 1.5330	0.0183, 0.0075	0.0048, 0.0016	0.0116, 0.0030
	MEDIAN	13.851	14.291	14.151	0.006	0.012	0.010
	MIN, MAX	6.543, 17.741	0.960, 18.655	0.960, 18.655	0.002, 0.049	0.006, 0.020	0.002, 0.049
	5%, 95%	6.543, 17.741	0.960, 18.655	0.960, 18.655	0.002, 0.049	0.006, 0.020	0.002, 0.049
\$50,000 or more	N	3	9	12	5	7	12
	MEAN, GEO MEAN	9.989, 9.833	15.893, 11.707	14.417, 11.207	0.019, 0.013	0.010, 0.009	0.014, 0.011
	SD, SE	2.1413, 1.2363	11.7187, 3.9062	10.3845, 2.9977	0.0188, 0.0084	0.0031, 0.0012	0.0125, 0.0036
	MEDIAN	10.074	10.943	10.509	0.010	0.010	0.010
	MIN, MAX	7.807, 12.087	2.016, 35.623	2.016, 35.623	0.004, 0.051	0.006, 0.014	0.004, 0.051
	5%, 95%	7.807, 12.087	2.016, 35.623	2.016, 35.623	0.004, 0.051	0.006, 0.014	0.004, 0.051

* Overall values calculated by first averaging the results across visits within a subject, then calculating the descriptive statistics across subjects. Count of BLQ values does not apply as the BLQ values were converted to the upper limit of the BLQ (e.g., '<1.234' will be used as '1.234') for the averages across visits within a subject thus eliminating all BLQ values for the overall statistics.

TABLE 14.4-11
DESCRIPTIVE STATISTICS OF 24-HOUR URINE BIOMARKERS OF EXPOSURE BY TIMEPOINT FOR DEMOGRAPHIC CHARACTERISTIC: ANNUAL HOUSEHOLD INCOME
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Lab: Harrogate
Biomarker: Free Nicotine (ug/24hr)
Timepoint: Week 1

Characteristic	Statistic	Smokers			Non-Smokers		
		Male	Female	Overall	Male	Female	Overall
\$19,999 or less	N	5	5	10	9	4	13
	MEAN, GEO MEAN	2023.150, 1673.050	701.719, 396.614	1362.430, 814.590	7.993, 2.352	1.861, 1.775	6.105, 2.157
	SD, SE	1175.5200, \$25.7070	741.8100, 331.7470	1159.2100, 366.5740	18.8808, 6.2936	0.6911, 0.3456	15.6988, 4.3541
	MEDIAN	2274.680	286.740	1081.390	1.862	1.635	1.862
	MIN, MAX	564.752, 3264.240	76.527, 1818.148	76.527, 3264.240	0.810, 58.311	1.350, 2.825	0.810, 58.311
	5%, 95%	564.752, 3264.240	76.527, 1818.150	76.527, 3264.240	0.810, 58.311	1.350, 2.825	0.810, 58.311
	BLQ Values Included	0	0	0	5	4	9
\$20,000 to \$39,999	N	5	10	15	10	16	26
	MEAN, GEO MEAN	1050.650, 418.625	1707.580, 1113.240	1488.610, 803.530	10.665, 2.043	2.450, 1.943	5.609, 1.981
	SD, SE	1252.8900, 560.3110	1319.7700, 417.3490	1292.6600, 333.7640	28.9751, 9.1627	2.1524, 0.5381	17.9341, 3.5172
	MEDIAN	837.117	1613.540	955.620	1.365	1.555	1.505
	MIN, MAX	18.048, 3188.826	83.814, 4430.720	18.048, 4430.720	0.530, 93.100	0.570, 9.792	0.530, 93.100
	5%, 95%	18.048, 3188.830	83.814, 4430.720	18.048, 4430.720	0.530, 93.100	0.570, 9.792	0.570, 9.792
	BLQ Values Included	0	0	0	7	14	21
\$40,000 to \$49,999	N	5	8	13	6	9	15
	MEAN, GEO MEAN	1741.060, 1630.310	2066.400, 1345.260	1941.270, 1448.460	5.162, 2.612	1.943, 1.790	3.231, 2.082
	SD, SE	689.6600, 308.4250	1530.7200, 541.1910	1245.9900, 345.5750	6.2831, 2.5650	0.7632, 0.2544	4.1346, 1.0676
	MEDIAN	1494.450	1922.960	1526.110	1.455	1.980	1.950
	MIN, MAX	935.300, 2656.080	89.925, 4727.375	89.925, 4727.375	0.780, 15.360	0.800, 2.900	0.780, 15.360
	5%, 95%	935.300, 2656.080	89.925, 4727.380	89.925, 4727.380	0.780, 15.360	0.800, 2.900	0.780, 15.360
	BLQ Values Included	0	0	0	3	9	12
\$50,000 or more	N	3	9	12	5	7	12
	MEAN, GEO MEAN	2086.380, 1739.750	2200.320, 1284.130	2171.830, 1385.410	5.292, 3.560	2.050, 1.920	3.401, 2.484
	SD, SE	1386.8300, 800.6860	2153.4200, 717.8070	1929.9900, 557.1410	5.3637, 2.3987	0.7787, 0.2943	3.6850, 1.0638
	MEDIAN	1983.660	1123.250	1521.750	2.040	1.850	1.985
	MIN, MAX	753.768, 3521.714	292.320, 5245.860	292.320, 5245.860	1.480, 13.992	0.960, 3.350	0.960, 13.992
	5%, 95%	753.768, 3521.710	292.320, 5245.860	292.320, 5245.860	1.480, 13.992	0.960, 3.350	0.960, 13.992
	BLQ Values Included	0	0	0	3	7	10

TABLE 14.4-11
DESCRIPTIVE STATISTICS OF 24-HOUR URINE BIOMARKERS OF EXPOSURE BY TIMEPOINT FOR DEMOGRAPHIC CHARACTERISTIC: ANNUAL HOUSEHOLD INCOME
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Lahr, Harrogate
Biomarker: Free Nicotine (ug/24hr)
Timepoint: Week 2

Characteristic	Statistic	Smokers			Non-Smokers		
		Male	Female	Overall	Male	Female	Overall
\$19,999 or less	N	5	5	10	9	4	13
	MEAN, GEO MEAN	2316.650, 2077.120	752.985, 351.471	1534.820, 854.427	37.060, 4.537	3.509, 2.660	26.736, 3.849
	SD, SE	1072.2800, 479.5380	1099.5400, 491.7310	1314.3600, 415.6360	99.6725, 33.2242	3.3551, 1.6775	82.9799, 23.0145
	MEDIAN	2440.880	327.888	1253.480	2.750	2.075	2.200
	MIN, MAX	895.653, 3494.785	94.792, 2695.130	94.792, 3494.785	1.023, 302.670	1.370, 8.514	1.023, 302.670
	5%, 95%	895.653, 3494.790	94.792, 2695.130	94.792, 3494.790	1.023, 302.670	1.370, 8.514	1.023, 302.670
	BLQ Values Included	0	0	0	5	3	8
\$20,000 to \$39,999	N	5	9	14	10	16	26
	MEAN, GEO MEAN	880.603, 424.352	1965.350, 1419.670	1577.940, 922.316	1.525, 1.318	2.137, 1.905	1.902, 1.653
	SD, SE	573.9060, 256.6590	1709.9900, 569.9960	1480.4400, 395.6640	0.8850, 0.2799	0.9609, 0.2402	0.9633, 0.1889
	MEDIAN	929.978	1208.780	1129.050	1.165	2.093	1.800
	MIN, MAX	10.980, 1573.750	225.283, 5904.527	10.980, 5904.527	0.625, 3.250	0.660, 3.738	0.625, 3.738
	5%, 95%	10.980, 1573.750	225.283, 5904.530	10.980, 5904.530	0.625, 3.250	0.660, 3.738	0.660, 3.400
	BLQ Values Included	0	0	0	9	14	23
\$40,000 to \$49,999	N	5	8	13	6	9	15
	MEAN, GEO MEAN	2012.720, 1712.600	2016.280, 1458.310	2014.910, 1551.310	2.277, 1.948	2.237, 1.944	2.253, 1.946
	SD, SE	1116.2500, 499.2010	1384.9400, 489.6500	1238.6300, 343.5340	1.4870, 0.6070	1.2097, 0.4032	1.2753, 0.3293
	MEDIAN	2151.150	2191.350	2151.150	1.430	2.210	1.710
	MIN, MAX	664.703, 3136.913	244.550, 4713.710	244.550, 4713.710	1.210, 4.700	0.750, 4.585	0.750, 4.700
	5%, 95%	664.703, 3136.910	244.550, 4713.710	244.550, 4713.710	1.210, 4.700	0.750, 4.585	0.750, 4.700
	BLQ Values Included	0	0	0	5	9	14
\$50,000 or more	N	3	9	12	5	7	12
	MEAN, GEO MEAN	1796.180, 1784.810	2164.200, 1389.530	2072.200, 1479.270	3.064, 2.736	2.150, 2.078	2.531, 2.331
	SD, SE	241.8390, 139.6260	1687.5000, 562.3010	1452.3700, 419.2620	1.5636, 0.6993	0.5770, 0.2181	1.1366, 0.3281
	MEDIAN	1879.650	1490.080	1697.410	2.900	2.150	2.315
	MIN, MAX	1523.658, 1985.222	81.312, 4764.320	81.312, 4764.320	1.490, 5.120	1.310, 2.900	1.310, 5.120
	5%, 95%	1523.660, 1985.220	81.312, 4764.320	81.312, 4764.320	1.490, 5.120	1.310, 2.900	1.310, 5.120
	BLQ Values Included	0	0	0	3	7	10

TABLE 14.4-11
DESCRIPTIVE STATISTICS OF 24-HOUR URINE BIOMARKERS OF EXPOSURE BY TIMEPOINT FOR DEMOGRAPHIC CHARACTERISTIC: ANNUAL HOUSEHOLD INCOME
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Lab: Harrogate
Biomarker: Free Nicotine (ug/24hr)
Timepoint: Week 3

Characteristic	Statistic	Smokers			Non-Smokers		
		Male	Female	Overall	Male	Female	Overall
\$19,999 or less	N	5	4	9	9	4	13
	MEAN, GEO MEAN	2276.460, 1408.440	1390.960, 983.591	1882.900, 1200.710	2.297, 2.117	2.173, 2.119	2.258, 2.117
	SD, SE	2140.1700, 957.1130	1233.0800, 616.5380	1754.4700, 584.8220	1.0277, 0.3426	0.5658, 0.2829	0.8875, 0.2461
	MEDIAN	1508.310	1070.170	1508.310	2.075	2.065	2.075
	MIN, MAX	209.600, 5668.540	417.200, 3006.317	209.600, 5668.540	1.170, 4.480	1.690, 2.870	1.170, 4.480
	5%, 95%	209.600, 5668.540	417.200, 3006.320	209.600, 5668.540	1.170, 4.480	1.690, 2.870	1.170, 4.480
	BLQ Values Included	0	0	0	8	4	12
\$20,000 to \$39,999	N	5	8	13	10	16	26
	MEAN, GEO MEAN	1564.970, 270.170	1731.150, 1485.370	1667.230, 771.159	1.921, 1.666	1.943, 1.797	1.935, 1.745
	SD, SE	2833.8100, 1267.3200	1119.7800, 395.9030	1848.0700, 512.5610	1.0954, 0.3464	0.7852, 0.1963	0.8956, 0.1756
	MEDIAN	362.664	1368.880	961.250	1.575	1.815	1.695
	MIN, MAX	5.450, 6614.080	717.850, 4138.428	5.450, 6614.080	0.750, 3.784	0.940, 3.290	0.750, 3.784
	5%, 95%	5.450, 6614.080	717.850, 4138.430	5.450, 6614.080	0.750, 3.784	0.940, 3.290	0.750, 3.750
	BLQ Values Included	0	0	0	7	15	22
\$40,000 to \$49,999	N	5	8	13	6	9	15
	MEAN, GEO MEAN	3121.480, 2663.480	1999.270, 1242.790	2430.890, 1666.200	3.362, 2.631	2.379, 2.157	2.772, 2.335
	SD, SE	2025.2700, 905.7300	1267.4300, 448.1040	1620.8700, 449.5470	2.6160, 1.0680	1.1458, 0.3819	1.8554, 0.4791
	MEDIAN	2583.630	2296.330	2531.840	2.050	2.270	2.100
	MIN, MAX	1269.580, 6395.445	55.800, 3806.085	55.800, 6395.445	1.110, 7.259	1.200, 4.740	1.110, 7.259
	5%, 95%	1269.580, 6395.450	55.800, 3806.090	55.800, 6395.450	1.110, 7.259	1.200, 4.740	1.110, 7.259
	BLQ Values Included	0	0	0	4	9	13
\$50,000 or more	N	2	9	11	5	7	12
	MEAN, GEO MEAN	1056.650, 1040.920	2356.220, 1907.010	2119.940, 1708.230	4.204, 2.615	2.257, 2.217	3.068, 2.375
	SD, SE	256.9120, 181.6650	1365.7000, 455.2340	1332.3200, 401.7090	5.3221, 2.3801	0.4520, 0.1708	3.3788, 0.9754
	MEDIAN	1056.650	2118.660	2085.420	1.800	2.360	2.180
	MIN, MAX	874.985, 1238.314	535.624, 4262.175	535.624, 4262.175	1.080, 13.650	1.610, 2.900	1.080, 13.650
	5%, 95%	874.985, 1238.310	535.624, 4262.180	535.624, 4262.180	1.080, 13.650	1.610, 2.900	1.080, 13.650
	BLQ Values Included	0	0	0	4	7	11

TABLE 14.4-11
DESCRIPTIVE STATISTICS OF 24-HOUR URINE BIOMARKERS OF EXPOSURE BY TIMEPOINT FOR DEMOGRAPHIC CHARACTERISTIC: ANNUAL HOUSEHOLD INCOME
(Page 20 of 7)

Lab: Harrogate
Biomarker: Free Nicotine (ug/24hr)
Timepoint: Overall*

Characteristic	Statistic	Smokers			Non-Smokers		
		Male	Female	Overall	Male	Female	Overall
\$19,999 or less	N	5	5	10	9	4	13
	MEAN, GEO MEAN	2205.420, 1874.400	861.535, 492.664	1533.480, 960.962	15.783, 3.651	2.514, 2.297	11.700, 3.166
	SD, SE	1137.2600, 508.5960	963.6890, 430.9750	1220.3500, 385.9080	39.5898, 13.1966	1.2747, 0.6374	32.9536, 9.1397
	MEDIAN	2404.470	689.385	1322.030	2.653	2.159	2.632
	MIN, MAX	556.668, 3694.620	85.660, 2506.530	85.660, 3694.620	1.255, 121.310	1.470, 4.270	1.255, 121.310
	5%, 95%	556.668, 3694.620	85.660, 2506.530	85.660, 3694.620	1.255, 121.310	1.470, 4.270	1.255, 121.310
\$20,000 to \$39,999	N	5	10	15	10	16	26
	MEAN, GEO MEAN	1165.410, 408.922	1689.300, 1266.000	1514.670, 868.634	4.704, 1.912	2.177, 1.951	3.149, 1.936
	SD, SE	1506.3200, 673.6480	1282.0900, 405.4340	1330.5400, 343.5450	10.0000, 3.1623	1.1048, 0.2762	6.1890, 1.2138
	MEDIAN	737.153	1401.980	988.166	1.292	1.953	1.612
	MIN, MAX	11.493, 3792.220	154.549, 4824.560	11.493, 4824.560	0.793, 33.074	0.980, 5.163	0.793, 33.074
	5%, 95%	11.493, 3792.220	154.549, 4824.560	11.493, 4824.560	0.793, 33.074	0.980, 5.163	0.865, 5.163
\$40,000 to \$49,999	N	5	8	13	6	9	15
	MEAN, GEO MEAN	2291.750, 2142.670	2027.320, 1425.660	2129.020, 1667.510	3.600, 2.508	2.187, 1.983	2.752, 2.178
	SD, SE	932.0100, 416.8080	1222.0700, 432.0670	1085.6600, 301.1080	3.3841, 1.3816	0.9924, 0.3308	2.2730, 0.5869
	MEDIAN	2316.890	2112.210	2241.400	1.586	2.150	2.143
	MIN, MAX	1316.720, 3642.100	130.092, 3726.950	130.092, 3726.950	1.100, 8.342	0.967, 4.075	0.967, 8.342
	5%, 95%	1316.720, 3642.100	130.092, 3726.950	130.092, 3726.950	1.100, 8.342	0.967, 4.075	0.967, 8.342
\$50,000 or more	N	3	9	12	5	7	12
	MEAN, GEO MEAN	1834.940, 1700.840	2240.250, 1645.370	2138.920, 1659.070	4.187, 3.179	2.152, 2.088	3.000, 2.488
	SD, SE	859.2540, 496.0910	1626.3100, 542.1030	1446.1700, 417.4720	3.7741, 1.6878	0.5514, 0.2084	2.5383, 0.7327
	MEDIAN	1700.540	1693.280	1696.910	2.427	2.150	2.187
	MIN, MAX	1050.800, 2753.470	303.085, 4300.000	303.085, 4300.000	1.500, 10.590	1.293, 2.833	1.293, 10.590
	5%, 95%	1050.800, 2753.470	303.085, 4300.000	303.085, 4300.000	1.500, 10.590	1.293, 2.833	1.293, 10.590

* Overall values calculated by first averaging the results across visits within a subject, then calculating the descriptive statistics across subjects. Count of BLQ values does not apply as the BLQ values were converted to the upper limit of the BLQ (e.g., '<1.234' will be used as '1.234') for the averages across visits within a subject thus eliminating all BLQ values for the overall statistics.

TABLE 14.4-11
DESCRIPTIVE STATISTICS OF 24-HOUR URINE BIOMARKERS OF EXPOSURE BY TIMEPOINT FOR DEMOGRAPHIC CHARACTERISTIC: ANNUAL HOUSEHOLD INCOME
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Lab: Harrogate
Biomarker: Free Nicotine (nmol/24hr)
Timepoint: Week 1

Characteristic	Statistic	Smokers			Non-Smokers		
		Male	Female	Overall	Male	Female	Overall
\$19,999 or less	N	5	5	10	9	4	13
	MEAN, GEO MEAN	12472.700, 10314.400	4326.100, 2445.130	8399.400, 5021.950	49.276, 14.499	11.475, 10.943	37.645, 13.297
	SD, SE	7247.0600, 3240.9800	4573.2600, 2045.2200	7146.5300, 2259.9300	116.4000, 38.8001	4.2608, 2.1304	96.7832, 26.8428
	MEDIAN	14023.400	1767.750	6666.790	11.479	10.080	11.479
	MIN, MAX	3481.696, 20124.040	471.789, 11208.882	471.789, 20124.040	4.994, 359.487	8.323, 17.416	4.994, 359.487
	5%, 95%	3481.700, 20124.000	471.789, 11208.900	471.789, 20124.000	4.994, 359.487	8.323, 17.416	4.994, 359.487
	BLQ Values Included	0	0	0	5	4	9
\$20,000 to \$39,999	N	5	10	15	10	16	26
	MEAN, GEO MEAN	6477.250, 2580.820	10527.300, 6863.150	9177.250, 4953.760	65.747, 12.594	15.104, 11.978	34.582, 12.212
	SD, SE	7724.0900, 3454.3200	8136.4000, 2572.9500	7969.2700, 2057.6600	178.6320, 56.4883	13.2696, 3.3174	110.5640, 21.6833
	MEDIAN	5160.830	9947.460	5891.400	8.416	9.587	9.279
	MIN, MAX	111.266, 19659.112	516.713, 27315.389	111.266, 27315.389	3.267, 573.962	3.514, 60.368	3.267, 573.962
	5%, 95%	111.266, 19659.100	516.713, 27315.400	111.266, 27315.400	3.267, 573.962	3.514, 60.368	3.514, 60.368
	BLQ Values Included	0	0	0	7	14	21
\$40,000 to \$49,999	N	5	8	13	6	9	15
	MEAN, GEO MEAN	10733.600, 10050.800	12739.400, 8293.520	11967.900, 8929.770	31.822, 16.105	11.981, 11.034	19.917, 12.836
	SD, SE	4251.7500, 1901.4400	9436.8800, 3336.4400	7681.5300, 2130.4700	38.7349, 15.8135	4.7052, 1.5684	25.4899, 6.5815
	MEDIAN	9213.280	11855.000	9408.440	8.970	12.207	12.022
	MIN, MAX	5766.125, 16374.733	554.388, 29144.267	554.388, 29144.267	4.809, 94.694	4.932, 17.879	4.809, 94.694
	5%, 95%	5766.130, 16374.700	554.388, 29144.300	554.388, 29144.300	4.809, 94.694	4.932, 17.879	4.809, 94.694
	BLQ Values Included	0	0	0	3	9	12
\$50,000 or more	N	3	9	12	5	7	12
	MEAN, GEO MEAN	12862.500, 10725.500	13564.900, 7916.690	13389.300, 8541.080	32.625, 21.950	12.638, 11.838	20.966, 15.311
	SD, SE	8549.8000, 4936.2300	13275.8000, 4425.2800	11898.4000, 3434.7700	33.0677, 14.7883	4.8010, 1.8146	22.7183, 6.5582
	MEDIAN	12229.300	6924.860	9381.600	12.577	11.405	12.238
	MIN, MAX	4646.980, 21711.367	1802.153, 32340.727	1802.153, 32340.727	9.124, 86.261	5.918, 20.653	5.918, 86.261
	5%, 95%	4646.980, 21711.400	1802.150, 32340.700	1802.150, 32340.700	9.124, 86.261	5.918, 20.653	5.918, 86.261
	BLQ Values Included	0	0	0	3	7	10

TABLE 14.4-11
DESCRIPTIVE STATISTICS OF 24-HOUR URINE BIOMARKERS OF EXPOSURE BY TIMEPOINT FOR DEMOGRAPHIC CHARACTERISTIC: ANNUAL HOUSEHOLD INCOME
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Lab: Harrogate
Biomarker: Free Nicotine (nmol/24hr)
Timepoint: Week 2

Characteristic	Statistic	Smokers			Non-Smokers		
		Male	Female	Overall	Male	Female	Overall
\$19,999 or less	N	5	5	10	9	4	13
	MEAN, GEO MEAN	14282.200, 12805.400	4642.150, 2166.820	9462.160, 5267.540	228.472, 27.968	21.630, 16.397	164.828, 23.731
	SD, SE	6610.6000, 2956.3500	6778.6900, 3031.5200	8103.0000, 2562.3900	614.4810, 204.8270	20.6840, 10.3420	511.5710, 141.8840
	MEDIAN	15048.000	2021.430	7727.710	16.954	12.793	13.563
	MIN, MAX	5521.701, 21545.350	584.393, 16615.476	584.393, 21545.350	6.307, 1865.961	8.446, 52.489	6.307, 1865.961
	5%, 95%	5521.700, 21545.400	584.393, 16615.500	584.393, 21545.400	6.307, 1865.960	8.446, 52.489	6.307, 1865.960
	BLQ Values Included	0	0	0	5	3	8
\$20,000 to \$39,999	N	5	9	14	10	16	26
	MEAN, GEO MEAN	5428.920, 2616.130	12116.400, 8752.250	9727.990, 5686.080	9.404, 8.125	13.173, 11.743	11.723, 10.192
	SD, SE	3538.1300, 1582.3000	10542.1000, 3514.0200	9126.9000, 2439.2700	5.4562, 1.7254	5.9239, 1.4810	5.9389, 1.1647
	MEDIAN	5733.310	7452.100	6960.610	7.183	12.900	11.097
	MIN, MAX	67.692, 9702.169	1388.870, 36401.409	67.692, 36401.409	3.853, 20.036	4.069, 23.045	3.853, 23.045
	5%, 95%	67.692, 9702.170	1388.870, 36401.400	67.692, 36401.400	3.853, 20.036	4.069, 23.045	4.069, 20.961
	BLQ Values Included	0	0	0	9	14	23
\$40,000 to \$49,999	N	5	8	13	6	9	15
	MEAN, GEO MEAN	12408.400, 10558.200	12430.400, 8990.490	12421.900, 9563.820	14.036, 12.010	13.793, 11.985	13.890, 11.995
	SD, SE	6881.6700, 3077.5800	8538.1500, 3018.6900	7636.1600, 2117.8900	9.1672, 3.7425	7.4579, 2.4860	7.8621, 2.0300
	MEDIAN	13261.800	13509.700	13261.800	8.816	13.625	10.542
	MIN, MAX	4097.894, 19339.069	1507.651, 29060.022	1507.651, 29060.022	7.460, 28.976	4.624, 28.267	4.624, 28.976
	5%, 95%	4097.890, 19339.100	1507.650, 29060.000	1507.650, 29060.000	7.460, 28.976	4.624, 28.267	4.624, 28.976
	BLQ Values Included	0	0	0	5	9	14
\$50,000 or more	N	3	9	12	5	7	12
	MEAN, GEO MEAN	11073.400, 11003.300	13342.300, 8566.450	12775.100, 9119.720	18.887, 16.870	13.255, 12.813	15.602, 14.369
	SD, SE	1490.9400, 860.7940	10403.4000, 3467.8200	8953.8300, 2584.7500	9.6395, 4.3109	3.5574, 1.3446	7.0074, 2.0229
	MEDIAN	11588.000	9186.320	10464.500	17.879	13.255	14.272
	MIN, MAX	9393.352, 12238.894	501.288, 29372.033	501.288, 29372.033	9.186, 31.565	8.076, 17.879	8.076, 31.565
	5%, 95%	9393.350, 12238.900	501.288, 29372.000	501.288, 29372.000	9.186, 31.565	8.076, 17.879	8.076, 31.565
	BLQ Values Included	0	0	0	3	7	10

TABLE 14.4-11
DESCRIPTIVE STATISTICS OF 24-HOUR URINE BIOMARKERS OF EXPOSURE BY TIMEPOINT FOR DEMOGRAPHIC CHARACTERISTIC: ANNUAL HOUSEHOLD INCOME
(Page 23 of 7)

Lab: Harrogate
Biomarker: Free Nicotine (nmol/24hr)
Timepoint: Week 3

Characteristic	Statistic	Smokers			Non-Smokers		
		Male	Female	Overall	Male	Female	Overall
\$19,999 or less	N	5	4	9	9	4	13
	MEAN, GEO MEAN	14034.400, 8683.030	8375.280, 6063.840	11608.100, 7402.390	14.158, 13.050	13.394, 13.063	13.923, 13.054
	SD, SE	13194.1000, 5900.6000	7601.9200, 3800.9600	10816.3000, 3605.4300	6.3356, 2.1119	3.4880, 1.7440	5.4714, 1.5175
	MEDIAN	9298.700	6597.570	9298.700	12.792	12.731	12.792
	MIN, MAX	1292.184, 34946.549	2572.038, 18533.944	1292.184, 34946.549	7.213, 27.619	10.419, 17.694	7.213, 27.619
	5%, 95%	1292.180, 34946.500	2572.040, 18533.900	1292.180, 34946.500	7.213, 27.619	10.419, 17.694	7.213, 27.619
\$20,000 to \$39,999	BLQ Values Included	0	0	0	8	4	12
	N	5	8	13	10	16	26
	MEAN, GEO MEAN	9648.020, 1665.600	10672.500, 9157.320	10278.500, 4754.190	11.842, 10.269	11.981, 11.076	11.928, 10.758
	SD, SE	17470.4000, 7813.0100	6903.4600, 2440.7400	11393.3000, 3159.9400	6.7530, 2.1355	4.8410, 1.2102	5.5211, 1.0828
	MEDIAN	2235.820	8439.170	5926.110	9.710	11.190	10.450
	MIN, MAX	33.599, 40775.803	4425.545, 25513.409	33.599, 40775.803	4.624, 23.328	5.795, 20.283	4.624, 23.328
\$40,000 to \$49,999	5%, 95%	33.599, 40775.800	4425.550, 25513.400	33.599, 40775.800	4.624, 23.328	5.795, 20.283	4.624, 23.119
	BLQ Values Included	0	0	0	7	15	22
	N	5	8	13	6	9	15
	MEAN, GEO MEAN	19243.900, 16420.400	12325.500, 7661.810	14986.400, 10272.100	20.724, 16.221	14.666, 13.297	17.089, 14.397
	SD, SE	12485.8000, 5583.8300	7813.7000, 2762.5600	9992.6400, 2771.4600	16.1277, 6.5841	7.0635, 2.3545	11.4386, 2.9534
	MEDIAN	15928.100	14156.900	15608.800	12.639	13.995	12.947
\$50,000 or more	MIN, MAX	7826.961, 39427.918	344.007, 23464.514	344.007, 39427.918	6.843, 44.752	7.398, 29.222	6.843, 44.752
	5%, 95%	7826.960, 39427.900	344.007, 23464.500	344.007, 39427.900	6.843, 44.752	7.398, 29.222	6.843, 44.752
	BLQ Values Included	0	0	0	4	9	13
	N	2	9	11	5	7	12
	MEAN, GEO MEAN	6514.240, 6417.250	14526.100, 11756.700	13069.400, 10531.200	25.918, 16.123	13.915, 13.670	18.916, 14.643
	SD, SE	1583.8600, 1119.9600	8419.5400, 2806.5100	8213.7500, 2476.5400	32.8107, 14.6734	2.7865, 1.0532	20.8303, 6.0132
	MEDIAN	6514.240	13061.600	12856.600	11.097	14.549	13.440
	MIN, MAX	5394.283, 7634.206	3302.122, 26276.309	3302.122, 26276.309	6.658, 84.152	9.926, 17.879	6.658, 84.152
	5%, 95%	5394.280, 7634.210	3302.120, 26276.300	3302.120, 26276.300	6.658, 84.152	9.926, 17.879	6.658, 84.152
	BLQ Values Included	0	0	0	4	7	11

TABLE 14.4-11
DESCRIPTIVE STATISTICS OF 24-HOUR URINE BIOMARKERS OF EXPOSURE BY TIMEPOINT FOR DEMOGRAPHIC CHARACTERISTIC: ANNUAL HOUSEHOLD INCOME
(Page 24 of 7)

Lab: Harrogate
Biomarker: Free Nicotine (nmol/24hr)
Timepoint: Overall*

Characteristic	Statistic	Smokers			Non-Smokers		
		Male	Female	Overall	Male	Female	Overall
\$19,999 or less	N	5	5	10	9	4	13
	MEAN, GEO MEAN	13596.400, 11555.700	5311.370, 3037.270	9453.890, 5924.330	97302, 22.507	15.500, 14.160	72.132, 19.516
	SD, SE	7011.1700, 3135.4900	5941.1600, 2656.9700	7523.4500, 2379.1200	244.0720, 81.3573	7.8577, 3.9288	203.1590, 56.3463
	MEDIAN	14823.600	4250.060	8150.320	16.354	13.306	16.224
	MIN, MAX	3431.860, 22777.300	528.091, 15452.800	528.091, 22777.300	7.737, 747.878	9.063, 26.323	7.737, 747.878
	5%, 95%	3431.860, 22777.300	528.091, 15452.800	528.091, 22777.300	7.737, 747.878	9.063, 26.323	7.737, 747.878
\$20,000 to \$39,999	N	5	10	15	10	16	26
	MEAN, GEO MEAN	7184.720, 2520.990	10414.500, 7804.910	9337.920, 5355.120	28.998, 11.788	13.419, 12.031	19.411, 11.937
	SD, SE	9286.4700, 4153.0300	7904.1100, 2499.5000	8202.7900, 2117.9500	61.6506, 19.4956	6.8114, 1.7029	38.1557, 7.4830
	MEDIAN	4544.550	8643.230	6092.040	7.964	12.042	9.936
	MIN, MAX	70.852, 23379.000	952.792, 29743.400	70.852, 29743.400	4.891, 203.904	6.042, 31.832	4.891, 203.904
	5%, 95%	70.852, 23379.000	952.792, 29743.400	70.852, 29743.400	4.891, 203.904	6.042, 31.832	5.331, 31.832
\$40,000 to \$49,999	N	5	8	13	6	9	15
	MEAN, GEO MEAN	14128.600, 13209.500	12498.400, 8789.190	13125.400, 10280.200	22.194, 15.460	13.480, 12.224	16.965, 13.428
	SD, SE	5745.8200, 2569.6100	7534.0800, 2663.7000	6693.1100, 1856.3300	20.8617, 8.5168	6.1189, 2.0396	14.0126, 3.6180
	MEDIAN	14283.600	13021.700	13818.200	9.777	13.255	13.214
	MIN, MAX	8117.590, 22453.500	802.015, 22976.700	802.015, 22976.700	6.782, 51.426	5.960, 25.123	5.960, 51.426
	5%, 95%	8117.590, 22453.500	802.015, 22976.700	802.015, 22976.700	6.782, 51.426	5.960, 25.123	5.960, 51.426
\$50,000 or more	N	3	9	12	5	7	12
	MEAN, GEO MEAN	11312.400, 10485.700	13811.100, 10143.700	13186.400, 10228.200	25.810, 19.597	13.269, 12.873	18.495, 15.336
	SD, SE	5297.2700, 3058.3800	10026.2000, 3342.0700	8915.6200, 2573.7200	23.2675, 10.4055	3.3993, 1.2848	15.6482, 4.5172
	MEDIAN	10483.800	10439.100	10461.500	14.961	13.255	13.481
	MIN, MAX	6478.210, 16975.100	1868.520, 26509.500	1868.520, 26509.500	9.247, 65.287	7.973, 17.468	7.973, 65.287
	5%, 95%	6478.210, 16975.100	1868.520, 26509.500	1868.520, 26509.500	9.247, 65.287	7.973, 17.468	7.973, 65.287

* Overall values calculated by first averaging the results across visits within a subject, then calculating the descriptive statistics across subjects. Count of BLQ values does not apply as the BLQ values were converted to the upper limit of the BLQ (e.g., '<1.234' will be used as '1.234') for the averages across visits within a subject thus eliminating all BLQ values for the overall statistics.

TABLE 14.4-11
DESCRIPTIVE STATISTICS OF 24-HOUR URINE BIOMARKERS OF EXPOSURE BY TIMEPOINT FOR DEMOGRAPHIC CHARACTERISTIC: ANNUAL HOUSEHOLD INCOME
(Page 25 of 7)

Lab: Harrogate
Biomarker: Free Nicotine (ug/mg Creatinin)
Timepoint: Week 1

Characteristic	Statistic	Smokers			Non-Smokers		
		Male	Female	Overall	Male	Female	Overall
\$19,999 or less	N	5	5	10	9	4	13
	MEAN, GEO MEAN	2.544, 1.167	0.494, 0.294	1.519, 0.586	0.006, 0.002	0.002, 0.002	0.004, 0.002
	SD, SE	3.6354, 1.6258	0.4675, 0.2091	2.6718, 0.8449	0.0133, 0.0044	0.0005, 0.0003	0.0110, 0.0031
	MEDIAN	0.758	0.218	0.625	0.001	0.002	0.001
	MIN, MAX	0.285, 8.892	0.050, 1.038	0.050, 8.892	0.001, 0.041	0.001, 0.002	0.001, 0.041
	5%, 95%	0.285, 8.892	0.050, 1.038	0.050, 8.892	0.001, 0.041	0.001, 0.002	0.001, 0.041
\$20,000 to \$39,999	BLQ Values Included	0	0	0	5	4	9
	N	5	10	15	10	16	26
	MEAN, GEO MEAN	0.853, 0.334	1.671, 1.185	1.398, 0.777	0.005, NA	0.002, NA	0.003, NA
	SD, SE	1.0912, 0.4880	1.1387, 0.3601	1.1545, 0.2981	0.0137, 0.0043	0.0032, 0.0008	0.0087, 0.0017
	MEDIAN	0.533	1.453	1.212	0.001	0.002	0.001
	MIN, MAX	0.017, 2.738	0.071, 4.107	0.017, 4.107	0.000, 0.044	0.000, 0.014	0.000, 0.044
\$40,000 to \$49,999	5%, 95%	0.017, 2.738	0.071, 4.107	0.017, 4.107	0.000, 0.044	0.000, 0.014	0.000, 0.014
	BLQ Values Included	0	0	0	7	14	21
	N	5	8	13	6	9	15
	MEAN, GEO MEAN	1.355, 1.213	1.533, 1.056	1.465, 1.114	0.004, 0.002	0.002, 0.002	0.003, 0.002
	SD, SE	0.6479, 0.2897	0.9330, 0.3299	0.8099, 0.2246	0.0045, 0.0018	0.0006, 0.0002	0.0028, 0.0007
	MEDIAN	1.383	1.707	1.686	0.001	0.002	0.002
\$50,000 or more	MIN, MAX	0.533, 2.196	0.075, 2.812	0.075, 2.812	0.001, 0.012	0.001, 0.003	0.001, 0.012
	5%, 95%	0.533, 2.196	0.075, 2.812	0.075, 2.812	0.001, 0.012	0.001, 0.003	0.001, 0.012
	BLQ Values Included	0	0	0	3	9	12
	N	3	9	12	5	7	12
	MEAN, GEO MEAN	1.462, 1.418	1.993, 1.078	1.860, 1.155	0.003, 0.002	0.002, 0.001	0.002, 0.002
	SD, SE	0.4603, 0.2657	2.1287, 0.7096	1.8417, 0.5316	0.0033, 0.0015	0.0005, 0.0002	0.0022, 0.0006
	MEDIAN	1.271	0.988	1.092	0.002	0.002	0.002
	MIN, MAX	1.128, 1.987	0.156, 5.613	0.156, 5.613	0.001, 0.009	0.001, 0.002	0.001, 0.009
	5%, 95%	1.128, 1.987	0.156, 5.613	0.156, 5.613	0.001, 0.009	0.001, 0.002	0.001, 0.009
	BLQ Values Included	0	0	0	3	7	10

TABLE 14.4-11
DESCRIPTIVE STATISTICS OF 24-HOUR URINE BIOMARKERS OF EXPOSURE BY TIMEPOINT FOR DEMOGRAPHIC CHARACTERISTIC: ANNUAL HOUSEHOLD INCOME
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Lab: Harrogate
Biomarker: Free Nicotine (ug/mg Creatinin)
Timepoint: Week 2

Characteristic	Statistic	Smokers			Non-Smokers		
		Male	Female	Overall	Male	Female	Overall
\$19,999 or less	N	5	5	10	9	4	13
	MEAN, GEO MEAN	2.395, 1.579	0.543, 0.292	1.469, 0.679	0.035, NA	0.004, 0.003	0.025, NA
	SD, SE	2.6093, 1.1669	0.6318, 0.2825	2.0386, 0.6447	0.0955, 0.0318	0.0031, 0.0016	0.0794, 0.0220
	MEDIAN	1.509	0.254	0.775	0.001	0.003	0.002
	MIN, MAX	0.509, 6.916	0.071, 1.578	0.071, 6.916	0.000, 0.289	0.001, 0.008	0.000, 0.289
	5%, 95%	0.509, 6.916	0.071, 1.578	0.071, 6.916	0.000, 0.289	0.001, 0.008	0.000, 0.289
	BLQ Values Included	0	0	0	5	3	8
\$20,000 to \$39,999	N	5	9	14	10	16	26
	MEAN, GEO MEAN	0.744, 0.362	1.480, 1.069	1.217, 0.726	0.001, NA	0.002, NA	0.002, NA
	SD, SE	0.5658, 0.2530	1.3224, 0.4408	1.1439, 0.3057	0.0013, 0.0004	0.0012, 0.0003	0.0012, 0.0002
	MEDIAN	0.730	0.966	0.917	0.001	0.002	0.001
	MIN, MAX	0.012, 1.532	0.167, 4.633	0.012, 4.633	0.000, 0.004	0.000, 0.004	0.000, 0.004
	5%, 95%	0.012, 1.532	0.167, 4.633	0.012, 4.633	0.000, 0.004	0.000, 0.004	0.000, 0.004
	BLQ Values Included	0	0	0	9	14	23
\$40,000 to \$49,999	N	5	8	13	6	9	15
	MEAN, GEO MEAN	1.431, 1.150	1.422, 1.142	1.425, 1.145	0.002, 0.001	0.002, 0.002	0.002, 0.002
	SD, SE	0.9508, 0.4252	0.8075, 0.2855	0.8257, 0.2290	0.0008, 0.0003	0.0011, 0.0004	0.0010, 0.0002
	MEDIAN	1.562	1.441	1.452	0.001	0.002	0.001
	MIN, MAX	0.438, 2.758	0.244, 2.735	0.244, 2.758	0.001, 0.003	0.001, 0.004	0.001, 0.004
	5%, 95%	0.438, 2.758	0.244, 2.735	0.244, 2.758	0.001, 0.003	0.001, 0.004	0.001, 0.004
	BLQ Values Included	0	0	0	5	9	14
\$50,000 or more	N	3	9	12	5	7	12
	MEAN, GEO MEAN	1.159, 1.116	1.975, 1.150	1.771, 1.141	0.002, 0.002	0.002, 0.002	0.002, 0.002
	SD, SE	0.3598, 0.2078	1.7632, 0.5877	1.5559, 0.4492	0.0005, 0.0002	0.0008, 0.0003	0.0007, 0.0002
	MEDIAN	1.298	1.608	1.364	0.002	0.002	0.002
	MIN, MAX	0.750, 1.428	0.064, 5.630	0.064, 5.630	0.001, 0.002	0.001, 0.003	0.001, 0.003
	5%, 95%	0.750, 1.428	0.064, 5.630	0.064, 5.630	0.001, 0.002	0.001, 0.003	0.001, 0.003
	BLQ Values Included	0	0	0	3	7	10

TABLE 14.4-11
DESCRIPTIVE STATISTICS OF 24-HOUR URINE BIOMARKERS OF EXPOSURE BY TIMEPOINT FOR DEMOGRAPHIC CHARACTERISTIC: ANNUAL HOUSEHOLD INCOME
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Lab: Harrogate
Biomarker: Free Nicotine (ug/mg Creatinin)
Timepoint: Week 3

Characteristic	Statistic	Smokers			Non-Smokers		
		Male	Female	Overall	Male	Female	Overall
\$19,999 or less	N	5	4	9	9	4	13
	MEAN, GEO MEAN	1.454, 0.991	0.933, 0.809	1.223, 0.906	0.001, 0.001	0.002, 0.002	0.002, 0.001
	SD, SE	0.8929, 0.3993	0.5398, 0.2699	0.7638, 0.2546	0.0005, 0.0002	0.0000, 0.0000	0.0005, 0.0001
	MEDIAN	1.617	0.904	1.316	0.001	0.002	0.002
	MIN, MAX	0.107, 2.540	0.448, 1.478	0.107, 2.540	0.001, 0.002	0.002, 0.002	0.001, 0.002
	5%, 95%	0.107, 2.540	0.448, 1.478	0.107, 2.540	0.001, 0.002	0.002, 0.002	0.001, 0.002
	BLQ Values Included	0	0	0	8	4	12
\$20,000 to \$39,999	N	5	8	13	10	16	26
	MEAN, GEO MEAN	1.075, 0.224	1.652, 1.395	1.430, 0.690	0.001, NA	0.002, 0.002	0.002, NA
	SD, SE	1.7901, 0.8006	0.9353, 0.3307	1.2900, 0.3578	0.0007, 0.0002	0.0014, 0.0004	0.0013, 0.0003
	MEDIAN	0.363	1.742	0.805	0.001	0.002	0.001
	MIN, MAX	0.005, 4.246	0.556, 3.090	0.005, 4.246	0.000, 0.002	0.001, 0.005	0.000, 0.005
	5%, 95%	0.005, 4.246	0.556, 3.090	0.005, 4.246	0.000, 0.002	0.001, 0.005	0.000, 0.005
	BLQ Values Included	0	0	0	7	15	22
\$40,000 to \$49,999	N	5	8	13	6	9	15
	MEAN, GEO MEAN	1.823, 1.638	1.405, 0.964	1.566, 1.182	0.002, NA	0.002, 0.002	0.002, NA
	SD, SE	0.9149, 0.4092	0.7736, 0.2735	0.8204, 0.2275	0.0012, 0.0005	0.0011, 0.0004	0.0011, 0.0003
	MEDIAN	1.548	1.575	1.548	0.001	0.002	0.002
	MIN, MAX	0.898, 2.838	0.056, 2.292	0.056, 2.838	0.000, 0.003	0.001, 0.004	0.000, 0.004
	5%, 95%	0.898, 2.838	0.056, 2.292	0.056, 2.838	0.000, 0.003	0.001, 0.004	0.000, 0.004
	BLQ Values Included	0	0	0	4	9	13
\$50,000 or more	N	2	9	11	5	7	12
	MEAN, GEO MEAN	0.948, 0.867	2.239, 1.652	2.005, 1.469	0.003, NA	0.002, 0.001	0.002, NA
	SD, SE	0.5416, 0.3830	1.6358, 0.5453	1.5630, 0.4713	0.0031, 0.0014	0.0005, 0.0002	0.0020, 0.0006
	MEDIAN	0.948	1.967	1.597	0.002	0.002	0.002
	MIN, MAX	0.565, 1.331	0.357, 5.060	0.357, 5.060	0.000, 0.008	0.001, 0.002	0.000, 0.008
	5%, 95%	0.565, 1.331	0.357, 5.060	0.357, 5.060	0.000, 0.008	0.001, 0.002	0.000, 0.008
	BLQ Values Included	0	0	0	4	7	11

TABLE 14.4-11
DESCRIPTIVE STATISTICS OF 24-HOUR URINE BIOMARKERS OF EXPOSURE BY TIMEPOINT FOR DEMOGRAPHIC CHARACTERISTIC: ANNUAL HOUSEHOLD INCOME
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Lab: Harrogate
Biomarker: Free Nicotine (ug/mg Creatinin)
Timepoint: Overall*

Characteristic	Statistic	Smokers			Non-Smokers		
		Male	Female	Overall	Male	Female	Overall
\$19,999 or less	N	5	5	10	9	4	13
	MEAN, GEO MEAN	2.131, 1.395	0.599, 0.393	1.365, 0.740	0.014, 0.002	0.002, 0.002	0.010, 0.002
	SD, SE	2.1767, 0.9734	0.4996, 0.2234	1.6938, 0.5356	0.0365, 0.0122	0.0013, 0.0006	0.0303, 0.0084
	MEDIAN	1.602	0.596	0.845	0.001	0.002	0.001
	MIN, MAX	0.300, 5.866	0.061, 1.365	0.061, 5.866	0.001, 0.111	0.001, 0.004	0.001, 0.111
	5%, 95%	0.300, 5.866	0.061, 1.365	0.061, 5.866	0.001, 0.111	0.001, 0.004	0.001, 0.111
\$20,000 to \$39,999	N	5	10	15	10	16	26
	MEAN, GEO MEAN	0.891, 0.325	1.626, 1.235	1.381, 0.791	0.003, NA	0.002, NA	0.002, NA
	SD, SE	1.1276, 0.5043	1.0694, 0.3382	1.1078, 0.2860	0.0045, 0.0014	0.0017, 0.0004	0.0030, 0.0006
	MEDIAN	0.542	1.387	1.127	0.001	0.002	0.001
	MIN, MAX	0.011, 2.839	0.119, 3.943	0.011, 3.943	0.000, 0.015	0.000, 0.007	0.000, 0.015
	5%, 95%	0.011, 2.839	0.119, 3.943	0.011, 3.943	0.000, 0.015	0.000, 0.007	0.000, 0.007
\$40,000 to \$49,999	N	5	8	13	6	9	15
	MEAN, GEO MEAN	1.537, 1.456	1.453, 1.096	1.485, 1.223	0.002, 0.002	0.002, 0.002	0.002, 0.002
	SD, SE	0.5154, 0.2305	0.7664, 0.2710	0.6580, 0.1825	0.0022, 0.0009	0.0009, 0.0003	0.0015, 0.0004
	MEDIAN	1.833	1.775	1.824	0.001	0.002	0.002
	MIN, MAX	0.840, 1.951	0.125, 2.263	0.125, 2.263	0.001, 0.006	0.001, 0.003	0.001, 0.006
	5%, 95%	0.840, 1.951	0.125, 2.263	0.125, 2.263	0.001, 0.006	0.001, 0.003	0.001, 0.006
\$50,000 or more	N	3	9	12	5	7	12
	MEAN, GEO MEAN	1.267, 1.216	2.069, 1.372	1.868, 1.331	0.003, 0.002	0.002, 0.001	0.002, 0.002
	SD, SE	0.4197, 0.2423	1.7964, 0.5988	1.5845, 0.4574	0.0019, 0.0009	0.0005, 0.0002	0.0013, 0.0004
	MEDIAN	1.343	1.398	1.371	0.002	0.002	0.002
	MIN, MAX	0.814, 1.643	0.192, 5.434	0.192, 5.434	0.001, 0.006	0.001, 0.002	0.001, 0.006
	5%, 95%	0.814, 1.643	0.192, 5.434	0.192, 5.434	0.001, 0.006	0.001, 0.002	0.001, 0.006

* Overall values calculated by first averaging the results across visits within a subject, then calculating the descriptive statistics across subjects. Count of BLQ values does not apply as the BLQ values were converted to the upper limit of the BLQ (e.g., '<1.234' will be used as '1.234' for the averages across visits within a subject thus eliminating all BLQ values for the overall statistics.

TABLE 14.4-11
DESCRIPTIVE STATISTICS OF 24-HOUR URINE BIOMARKERS OF EXPOSURE BY TIMEPOINT FOR DEMOGRAPHIC CHARACTERISTIC: ANNUAL HOUSEHOLD INCOME
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Lab: Harrogate
Biomarker: Free Nicotine (nmol/mg Creatin)
Timepoint: Week 1

Characteristic	Statistic	Smokers			Non-Smokers		
		Male	Female	Overall	Male	Female	Overall
\$19,999 or less	N	5	5	10	9	4	13
	MEAN, GEO MEAN	15.684, 7.196	3.044, 1.811	9.364, 3.610	0.034, 0.010	0.011, 0.010	0.027, 0.010
	SD, SE	22.4120, 10.0230	2.8820, 1.2889	16.4715, 5.2088	0.0821, 0.0274	0.0030, 0.0015	0.0580, 0.0189
	MEDIAN	4.673	1.344	3.853	0.006	0.012	0.006
	MIN, MAX	1.757, 54.819	0.308, 6.399	0.308, 54.819	0.006, 0.253	0.006, 0.012	0.006, 0.253
	5%, 95%	1.757, 54.819	0.308, 6.399	0.308, 54.819	0.006, 0.253	0.006, 0.012	0.006, 0.253
	BLQ Values Included	0	0	0	5	4	9
\$20,000 to \$39,999	N	5	10	15	10	16	26
	MEAN, GEO MEAN	5.260, 2.059	10.301, 7.307	8.620, 4.791	0.032, NA	0.014, NA	0.021, NA
	SD, SE	6.7276, 3.0087	7.0202, 2.2200	7.1178, 1.8378	0.0841, 0.0266	0.0198, 0.0049	0.0535, 0.0105
	MEDIAN	3.286	8.958	7.472	0.006	0.009	0.006
	MIN, MAX	0.105, 16.880	0.438, 25.320	0.105, 25.320	0.000, 0.271	0.000, 0.086	0.000, 0.271
	5%, 95%	0.105, 16.880	0.438, 25.320	0.105, 25.320	0.000, 0.271	0.000, 0.086	0.000, 0.086
	BLQ Values Included	0	0	0	7	14	21
\$40,000 to \$49,999	N	5	8	13	6	9	15
	MEAN, GEO MEAN	8.351, 7.479	9.453, 6.506	9.029, 6.865	0.022, 0.012	0.013, 0.012	0.016, 0.012
	SD, SE	3.9942, 1.7863	5.7523, 2.0337	4.9931, 1.3848	0.0276, 0.0113	0.0036, 0.0012	0.0173, 0.0045
	MEDIAN	8.526	10.521	10.394	0.006	0.012	0.012
	MIN, MAX	3.286, 13.538	0.462, 17.336	0.462, 17.336	0.006, 0.074	0.006, 0.018	0.006, 0.074
	5%, 95%	3.286, 13.538	0.462, 17.336	0.462, 17.336	0.006, 0.074	0.006, 0.018	0.006, 0.074
	BLQ Values Included	0	0	0	3	9	12
\$50,000 or more	N	3	9	12	5	7	12
	MEAN, GEO MEAN	9.013, 8.740	12.287, 6.647	11.469, 7.118	0.019, 0.013	0.009, 0.009	0.014, 0.011
	SD, SE	2.8375, 1.6382	13.1234, 4.3745	11.3538, 3.2776	0.0203, 0.0092	0.0032, 0.0012	0.0136, 0.0039
	MEDIAN	7.836	6.091	6.732	0.012	0.012	0.012
	MIN, MAX	6.954, 12.250	0.962, 34.604	0.962, 34.604	0.006, 0.055	0.006, 0.012	0.006, 0.055
	5%, 95%	6.954, 12.250	0.962, 34.604	0.962, 34.604	0.006, 0.055	0.006, 0.012	0.006, 0.055
	BLQ Values Included	0	0	0	3	7	10

TABLE 14.4-11
DESCRIPTIVE STATISTICS OF 24-HOUR URINE BIOMARKERS OF EXPOSURE BY TIMEPOINT FOR DEMOGRAPHIC CHARACTERISTIC: ANNUAL HOUSEHOLD INCOME
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Lab: Harrogate
Biomarker: Free Nicotine (nmol/mg Creatin)
Timepoint: Week 2

Characteristic	Statistic	Smokers			Non-Smokers		
		Male	Female	Overall	Male	Female	Overall
\$19,999 or less	N	5	5	10	9	4	13
	MEAN, GEO MEAN	14.765, 9.737	3.349, 1.799	9.057, 4.185	0.214, NA	0.021, 0.016	0.154, NA
	SD, SE	16.0864, 7.1941	3.8948, 1.7418	12.5681, 3.9744	0.5888, 0.1963	0.0191, 0.0096	0.4896, 0.1358
	MEDIAN	9.303	1.566	4.775	0.006	0.015	0.012
	MIN, MAX	3.138, 42.637	0.438, 9.728	0.438, 42.637	0.000, 1.782	0.006, 0.049	0.000, 1.782
	5%, 95%	3.138, 42.637	0.438, 9.728	0.438, 42.637	0.000, 1.782	0.006, 0.049	0.000, 1.782
	BLQ Values Included	0	0	0	5	3	8
\$20,000 to \$39,999	N	5	9	14	10	16	26
	MEAN, GEO MEAN	4.588, 2.231	9.126, 6.589	7.505, 4.476	0.009, NA	0.011, NA	0.010, NA
	SD, SE	3.4879, 1.5598	8.1523, 2.7174	7.0522, 1.8648	0.0078, 0.0025	0.0075, 0.0019	0.0076, 0.0015
	MEDIAN	4.500	5.955	5.650	0.006	0.009	0.006
	MIN, MAX	0.074, 9.445	1.030, 28.562	0.074, 28.562	0.000, 0.025	0.000, 0.025	0.000, 0.025
	5%, 95%	0.074, 9.445	1.030, 28.562	0.074, 28.562	0.000, 0.025	0.000, 0.025	0.000, 0.025
	BLQ Values Included	0	0	0	9	14	23
\$40,000 to \$49,999	N	5	8	13	6	9	15
	MEAN, GEO MEAN	8.823, 7.089	8.765, 7.038	8.787, 7.058	0.009, 0.008	0.011, 0.010	0.010, 0.009
	SD, SE	5.8617, 2.6214	4.9784, 1.7601	5.0903, 1.4118	0.0050, 0.0020	0.0056, 0.0022	0.0059, 0.0015
	MEDIAN	9.630	8.884	8.952	0.006	0.012	0.006
	MIN, MAX	2.700, 17.003	1.504, 16.861	1.504, 17.003	0.006, 0.018	0.006, 0.025	0.006, 0.025
	5%, 95%	2.700, 17.003	1.504, 16.861	1.504, 17.003	0.006, 0.018	0.006, 0.025	0.006, 0.025
	BLQ Values Included	0	0	0	5	9	14
\$50,000 or more	N	3	9	12	5	7	12
	MEAN, GEO MEAN	7.143, 6.881	12.175, 7.089	10.917, 7.036	0.010, 0.009	0.010, 0.009	0.010, 0.009
	SD, SE	2.2184, 1.2808	10.8702, 3.6234	9.5922, 2.7690	0.0033, 0.0015	0.0045, 0.0017	0.0039, 0.0011
	MEDIAN	8.002	9.913	8.410	0.012	0.012	0.012
	MIN, MAX	4.624, 8.804	0.395, 34.709	0.395, 34.709	0.006, 0.012	0.006, 0.018	0.006, 0.018
	5%, 95%	4.624, 8.804	0.395, 34.709	0.395, 34.709	0.006, 0.012	0.006, 0.018	0.006, 0.018
	BLQ Values Included	0	0	0	3	7	10

TABLE 14.4-11
DESCRIPTIVE STATISTICS OF 24-HOUR URINE BIOMARKERS OF EXPOSURE BY TIMEPOINT FOR DEMOGRAPHIC CHARACTERISTIC: ANNUAL HOUSEHOLD INCOME
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Lab: Harrogate
Biomarker: Free Nicotine (nmol/mg Creatin)
Timepoint: Week 3

Characteristic	Statistic	Smokers			Non-Smokers		
		Male	Female	Overall	Male	Female	Overall
\$19,999 or less	N	5	4	9	9	4	13
	MEAN, GEO MEAN	8.966, 6.113	5.754, 4.986	7.538, 5.584	0.008, 0.008	0.012, 0.012	0.009, 0.009
	SD, SE	5.5044, 2.4617	3.3281, 1.6641	4.7086, 1.5695	0.0030, 0.0010	0.0000, 0.0000	0.0031, 0.0009
	MEDIAN	9.969	5.570	8.113	0.006	0.012	0.012
	MIN, MAX	0.660, 15.659	2.762, 9.112	0.660, 15.659	0.006, 0.012	0.012, 0.012	0.006, 0.012
	5%, 95%	0.660, 15.659	2.762, 9.112	0.660, 15.659	0.006, 0.012	0.012, 0.012	0.006, 0.012
	BLQ Values Included	0	0	0	8	4	12
\$20,000 to \$39,999	N	5	8	13	10	16	26
	MEAN, GEO MEAN	6.625, 1.380	10.186, 8.602	8.817, 4.255	0.006, NA	0.013, 0.011	0.011, NA
	SD, SE	11.0361, 4.9355	5.7663, 2.0387	7.9528, 2.2057	0.0040, 0.0013	0.0089, 0.0022	0.0081, 0.0016
	MEDIAN	2.238	10.737	4.963	0.006	0.012	0.006
	MIN, MAX	0.031, 26.177	3.428, 19.050	0.031, 26.177	0.000, 0.012	0.006, 0.031	0.000, 0.031
	5%, 95%	0.031, 26.177	3.428, 19.050	0.031, 26.177	0.000, 0.012	0.006, 0.031	0.000, 0.031
	BLQ Values Included	0	0	0	7	15	22
\$40,000 to \$49,999	N	5	8	13	6	9	15
	MEAN, GEO MEAN	11.241, 10.098	8.660, 5.945	9.653, 7.289	0.009, NA	0.013, 0.011	0.011, NA
	SD, SE	5.6406, 2.5226	4.7689, 1.6861	5.0577, 1.4027	0.0073, 0.0030	0.0066, 0.0022	0.0069, 0.0018
	MEDIAN	9.543	9.710	9.543	0.006	0.012	0.012
	MIN, MAX	5.536, 17.496	0.345, 14.130	0.345, 17.496	0.000, 0.018	0.006, 0.025	0.000, 0.025
	5%, 95%	5.536, 17.496	0.345, 14.130	0.345, 17.496	0.000, 0.018	0.006, 0.025	0.000, 0.025
	BLQ Values Included	0	0	0	4	9	13
\$50,000 or more	N	2	9	11	5	7	12
	MEAN, GEO MEAN	5.845, 5.346	13.806, 10.183	12.358, 9.057	0.016, NA	0.009, 0.009	0.012, NA
	SD, SE	3.3397, 2.3615	10.0847, 3.3616	9.6357, 2.9053	0.0192, 0.0086	0.0032, 0.0012	0.0123, 0.0035
	MEDIAN	5.845	12.127	9.846	0.012	0.012	0.012
	MIN, MAX	3.483, 8.206	2.201, 31.195	2.201, 31.195	0.000, 0.049	0.006, 0.012	0.000, 0.049
	5%, 95%	3.483, 8.206	2.201, 31.195	2.201, 31.195	0.000, 0.049	0.006, 0.012	0.000, 0.049
	BLQ Values Included	0	0	0	4	7	11

TABLE 14.4-11
DESCRIPTIVE STATISTICS OF 24-HOUR URINE BIOMARKERS OF EXPOSURE BY TIMEPOINT FOR DEMOGRAPHIC CHARACTERISTIC: ANNUAL HOUSEHOLD INCOME
(Page 32 of 7)

Lab: Harrogate
Biomarker: Free Nicotine (nmol/mg Creatin)
Timepoint: Overall^a

Characteristic	Statistic	Smokers			Non-Smokers		
		Male	Female	Overall	Male	Female	Overall
\$19,999 or less	N	5	5	10	9	4	13
	MEAN, GEO MEAN	13.138, 8.601	3.690, 2.415	8.414, 4.558	0.085, 0.014	0.015, 0.013	0.063, 0.014
	SD, SE	13.4186, 6.0010	3.0806, 1.3777	10.4422, 3.3021	0.2240, 0.0747	0.0068, 0.0034	0.1860, 0.0516
	MEDIAN	9.878	3.674	5.208	0.008	0.013	0.008
	MIN, MAX	1.852, 36.164	0.373, 8.413	0.373, 36.164	0.006, 0.682	0.008, 0.024	0.006, 0.682
	5%, 95%	1.852, 36.164	0.373, 8.413	0.373, 36.164	0.006, 0.682	0.008, 0.024	0.006, 0.682
\$20,000 to \$39,999	N	5	10	15	10	16	26
	MEAN, GEO MEAN	5.491, 2.015	10.026, 7.612	8.514, 4.888	0.015, NA	0.013, 0.010	0.014, NA
	SD, SE	6.9513, 3.1087	6.5929, 2.0849	6.8297, 1.7634	0.0280, 0.0089	0.0100, 0.0025	0.0185, 0.0036
	MEDIAN	3.341	8.553	6.950	0.006	0.009	0.008
	MIN, MAX	0.070, 17.501	0.734, 24.311	0.070, 24.311	0.000, 0.094	0.002, 0.041	0.000, 0.094
	5%, 95%	0.070, 17.501	0.734, 24.311	0.070, 24.311	0.000, 0.094	0.002, 0.041	0.002, 0.041
\$40,000 to \$49,999	N	5	8	13	6	9	15
	MEAN, GEO MEAN	9.472, 8.976	8.959, 6.756	9.156, 7.536	0.013, 0.009	0.012, 0.011	0.013, 0.011
	SD, SE	3.1781, 1.4213	4.7243, 1.6703	4.0563, 1.1250	0.0126, 0.0051	0.0048, 0.0016	0.0084, 0.0022
	MEDIAN	11.302	10.940	11.243	0.006	0.012	0.010
	MIN, MAX	5.176, 12.026	0.770, 13.949	0.770, 13.949	0.004, 0.035	0.006, 0.020	0.004, 0.035
	5%, 95%	5.176, 12.026	0.770, 13.949	0.770, 13.949	0.004, 0.035	0.006, 0.020	0.004, 0.035
\$50,000 or more	N	3	9	12	5	7	12
	MEAN, GEO MEAN	7.809, 7.495	12.756, 8.462	11.519, 8.209	0.015, 0.011	0.010, 0.009	0.012, 0.010
	SD, SE	2.5856, 1.4928	11.0745, 3.6915	9.7682, 2.8198	0.0137, 0.0061	0.0031, 0.0012	0.0090, 0.0026
	MEDIAN	8.282	8.617	8.450	0.010	0.010	0.010
	MIN, MAX	5.020, 10.126	1.186, 33.503	1.186, 33.503	0.004, 0.039	0.006, 0.014	0.004, 0.039
	5%, 95%	5.020, 10.126	1.186, 33.503	1.186, 33.503	0.004, 0.039	0.006, 0.014	0.004, 0.039

^a Overall values calculated by first averaging the results across visits within a subject, then calculating the descriptive statistics across subjects. Count of BLQ values does not apply as the BLQ values were converted to the upper limit of the BLQ (e.g., '<1.234' will be used as '1.234') for the averages across visits within a subject thus eliminating all BLQ values for the overall statistics.

TABLE 14.4-11
DESCRIPTIVE STATISTICS OF 24-HOUR URINE BIOMARKERS OF EXPOSURE BY TIMEPOINT FOR DEMOGRAPHIC CHARACTERISTIC: ANNUAL HOUSEHOLD INCOME
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Lab: Harrogate
Biomarker: Total Cotinine (ug/24hr)
Timepoint: Week 1

Characteristic	Statistic	Smokers			Non-Smokers		
		Male	Female	Overall	Male	Female	Overall
\$19,999 or less	N	5	5	10	9	4	13
	MEAN, GEO MEAN	6931.280, 5785.360	4381.110, 2896.860	5656.200, 4093.820	9.074, 4.072	3.980, 3.302	7.507, 3.818
	SD, SE	4762.6500, 2129.9200	3480.7400, 1556.6400	4156.0100, 1314.2500	14.5811, 4.8604	3.1249, 1.5624	12.2543, 3.3987
	MEDIAN	5019.790	4844.310	4932.050	3.325	2.695	3.000
	MIN, MAX	2791.104, 14394.338	720.720, 8646.988	720.720, 14394.338	0.950, 46.593	1.900, 8.631	0.950, 46.593
	5%, 95%	2791.100, 14394.300	720.720, 8646.990	720.720, 14394.300	0.950, 46.593	1.900, 8.631	0.950, 46.593
\$20,000 to \$39,999	BLQ Values Included	0	0	0	2	2	4
	N	5	10	15	10	16	26
	MEAN, GEO MEAN	2259.510, 953.038	5598.070, 4259.120	4485.220, 2585.730	4.427, 2.391	4.498, 2.662	4.471, 2.554
	SD, SE	2702.6700, 1208.6700	4637.6800, 1466.5600	4308.9900, 1112.5800	7.0415, 2.2267	5.7639, 1.4410	6.1469, 1.2055
	MEDIAN	1370.520	4358.060	4098.960	1.530	2.495	1.910
	MIN, MAX	44.556, 6910.857	1018.596, 17099.775	44.556, 17099.775	1.030, 23.940	0.570, 20.150	0.570, 23.940
\$40,000 to \$49,999	5%, 95%	44.556, 6910.860	1018.600, 17099.800	44.556, 17099.800	1.030, 23.940	0.570, 20.150	1.030, 20.150
	BLQ Values Included	0	0	0	5	10	15
	N	5	8	13	6	9	15
	MEAN, GEO MEAN	5287.240, 5004.400	4717.090, 3049.680	4936.380, 3689.640	7.600, 3.432	2.072, 1.858	4.283, 2.375
	SD, SE	1981.5100, 886.1590	2609.2200, 922.4970	2315.9200, 642.3210	10.4618, 4.2710	1.0047, 0.3349	6.8936, 1.7799
	MEDIAN	4723.060	4974.120	4723.060	1.723	1.980	1.950
\$50,000 or more	MIN, MAX	3014.550, 8380.680	100.100, 7486.035	100.100, 8380.680	1.200, 26.880	0.800, 4.060	0.800, 26.880
	5%, 95%	3014.550, 8380.680	100.100, 7486.040	100.100, 8380.680	1.200, 26.880	0.800, 4.060	0.800, 26.880
	BLQ Values Included	0	0	0	1	8	9
	N	3	9	12	5	7	12
	MEAN, GEO MEAN	4052.720, 3885.080	4860.830, 3841.000	4658.800, 3851.970	9.927, 4.726	2.780, 2.673	5.758, 3.389
	SD, SE	1394.6400, 805.1960	3278.6500, 1092.8800	2881.8500, 831.9190	12.8537, 5.7484	0.8002, 0.3025	8.6008, 2.4828
	MEDIAN	4073.580	3688.670	3881.120	2.040	2.700	2.516
	MIN, MAX	2647.764, 5436.809	1009.470, 10349.625	1009.470, 10349.625	1.480, 31.240	1.570, 3.700	1.480, 31.240
	5%, 95%	2647.760, 5436.810	1009.470, 10349.600	1009.470, 10349.600	1.480, 31.240	1.570, 3.700	1.480, 31.240
	BLQ Values Included	0	0	0	3	3	6

TABLE 14.4-11
DESCRIPTIVE STATISTICS OF 24-HOUR URINE BIOMARKERS OF EXPOSURE BY TIMEPOINT FOR DEMOGRAPHIC CHARACTERISTIC: ANNUAL HOUSEHOLD INCOME
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Lab: Harrogate
Biomarker: Total Cotinine (ug/24hr)
Timepoint: Week 2

Characteristic	Statistic	Smokers			Non-Smokers		
		Male	Female	Overall	Male	Female	Overall
\$19,999 or less	N	5	5	10	9	4	13
	MEAN, GEO MEAN	5847.270, 5186.720	4050.430, 3058.370	4948.850, 3982.830	16.112, 5.601	4.735, 3.722	12.612, 4.940
	SD, SE	3469.7300, 1551.7100	2652.6500, 1186.3000	3061.8400, 968.2390	30.2925, 10.0975	4.0861, 2.0431	25.4127, 7.0482
	MEDIAN	4836.640	4801.570	4819.100	3.240	3.080	3.240
	MIN, MAX	2923.304, 11710.980	735.694, 6773.501	735.694, 11710.980	1.023, 95.190	2.055, 10.725	1.023, 95.190
	5%, 95%	2923.300, 11711.000	735.694, 6773.500	735.694, 11711.000	1.023, 95.190	2.055, 10.725	1.023, 95.190
\$20,000 to \$39,999	BLQ Values Included	0	0	0	3	1	4
	N	5	9	14	10	16	26
	MEAN, GEO MEAN	2016.340, 832.850	7092.450, 5982.860	5279.550, 2958.500	4.846, 2.370	4.338, 3.148	4.534, 2.822
	SD, SE	2215.3100, 990.7180	4810.4700, 1603.4900	4703.3400, 1257.0200	7.8289, 2.4757	3.6342, 0.9086	5.4821, 1.0751
	MEDIAN	1488.240	5667.450	4651.160	1.668	2.893	2.808
	MIN, MAX	25.650, 5809.250	2895.935, 16352.593	25.650, 16352.593	0.625, 26.216	0.915, 12.760	0.625, 26.216
\$40,000 to \$49,999	5%, 95%	25.650, 5809.250	2895.940, 16352.600	25.650, 16352.600	0.625, 26.216	0.915, 12.760	0.820, 12.760
	BLQ Values Included	0	0	0	4	8	12
	N	5	8	13	6	9	15
	MEAN, GEO MEAN	5638.510, 5325.590	4836.470, 3327.570	5144.950, 3987.320	8.573, 4.213	3.256, 2.196	5.383, 2.850
	SD, SE	1938.1900, 866.7830	2817.9200, 996.2840	2459.5100, 682.1450	10.5531, 4.3083	4.0235, 1.3412	7.5029, 1.9372
	MEDIAN	6255.300	5146.630	5184.730	3.257	2.210	2.210
\$50,000 or more	MIN, MAX	2854.775, 7887.594	240.900, 8761.660	240.900, 8761.660	1.210, 27.225	0.750, 13.755	0.750, 27.225
	5%, 95%	2854.780, 7887.590	240.900, 8761.660	240.900, 8761.660	1.210, 27.225	0.750, 13.755	0.750, 27.225
	BLQ Values Included	0	0	0	2	8	10
	N	3	9	12	5	7	12
	MEAN, GEO MEAN	4673.190, 4559.710	4639.620, 3835.560	4648.010, 4005.030	6.524, 4.161	3.276, 2.719	4.629, 3.246
	SD, SE	1191.3300, 687.8160	2575.1400, 858.3800	2254.1200, 650.7100	6.3585, 2.8436	2.7852, 1.0527	4.6616, 1.3457
\$50,000 or more	MEDIAN	5241.460	4046.620	4644.040	2.900	2.150	2.315
	MIN, MAX	3304.125, 5473.982	980.947, 8406.016	980.947, 8406.016	1.490, 15.351	1.834, 9.540	1.490, 15.351
	5%, 95%	3304.130, 5473.980	980.947, 8406.020	980.947, 8406.020	1.490, 15.351	1.834, 9.540	1.490, 15.351
	BLQ Values Included	0	0	0	3	4	7

TABLE 14.4-11
DESCRIPTIVE STATISTICS OF 24-HOUR URINE BIOMARKERS OF EXPOSURE BY TIMEPOINT FOR DEMOGRAPHIC CHARACTERISTIC: ANNUAL HOUSEHOLD INCOME
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Lab: Harrogate
Biomarker: Total Cotinine (ug/24hr)
Timepoint: Week 3

Characteristic	Statistic	Smokers			Non-Smokers		
		Male	Female	Overall	Male	Female	Overall
\$19,999 or less	N	5	4	9	9	4	13
	MEAN, GEO MEAN	6141.160, 5164.680	5627.530, 3896.000	5912.880, 4556.510	4241, 3.565	5.556, 3.649	4.646, 3.591
	SD, SE	4360.0500, 1949.8700	4163.4900, 2081.7500	4009.8400, 1336.6100	2.6518, 0.8839	6.4930, 3.2465	3.9530, 1.0964
	MEDIAN	3803.840	5729.510	3930.840	3.159	2.633	2.910
	MIN, MAX	3129.380, 13322.126	756.280, 10294.830	756.280, 13322.126	1.430, 8.784	1.690, 15.268	1.430, 15.268
	5%, 95%	3129.380, 13322.100	756.280, 10294.800	756.280, 13322.100	1.430, 8.784	1.690, 15.268	1.430, 15.268
	BLQ Values Included	0	0	0	4	3	7
\$20,000 to \$39,999	N	5	8	13	10	16	26
	MEAN, GEO MEAN	3147.410, 858.917	5579.300, 5293.880	4643.960, 2630.240	4.440, 2.868	3.166, 2.401	3.656, 2.571
	SD, SE	4663.9100, 2085.7600	1717.1100, 607.0920	3238.3700, 898.1630	5.0132, 1.5853	2.8729, 0.7182	3.7947, 0.7442
	MEDIAN	1610.490	6140.390	4539.610	1.855	2.050	2.005
	MIN, MAX	21.379, 11345.620	2491.020, 7707.768	21.379, 11345.620	1.350, 14.104	0.990, 11.925	0.990, 14.104
	5%, 95%	21.379, 11345.600	2491.020, 7707.770	21.379, 11345.600	1.350, 14.104	0.990, 11.925	1.034, 13.438
	BLQ Values Included	0	0	0	5	10	15
\$40,000 to \$49,999	N	5	8	13	6	9	15
	MEAN, GEO MEAN	6382.600, 5764.240	4728.880, 3409.170	5364.930, 4172.320	9.357, 4.179	2.379, 2.157	5.170, 2.810
	SD, SE	2979.7700, 1332.5900	2857.1700, 1010.1600	2902.2200, 804.9320	13.1358, 5.3627	1.1458, 0.3819	8.6542, 2.2345
	MEDIAN	6619.720	5189.440	5222.570	2.050	2.270	2.100
	MIN, MAX	2554.610, 10641.330	520.428, 8922.368	520.428, 10641.330	1.554, 33.930	1.200, 4.740	1.200, 33.930
	5%, 95%	2554.610, 10641.300	520.428, 8922.370	520.428, 10641.300	1.554, 33.930	1.200, 4.740	1.200, 33.930
	BLQ Values Included	0	0	0	3	9	12
\$50,000 or more	N	2	9	11	5	7	12
	MEAN, GEO MEAN	4023.340, 3737.130	4761.650, 4053.540	4627.420, 3994.080	11.562, 5.278	2.722, 2.647	6.405, 3.529
	SD, SE	2107.6700, 1490.3500	2688.5000, 896.1680	2513.1400, 757.7400	18.1821, 8.1313	0.6518, 0.2463	11.8813, 3.4298
	MEDIAN	4023.340	4053.660	4053.660	2.900	2.650	2.854
	MIN, MAX	2532.992, 5513.693	1337.496, 9606.210	1337.496, 9606.210	1.800, 43.940	1.610, 3.572	1.610, 43.940
	5%, 95%	2532.990, 5513.690	1337.500, 9606.210	1337.500, 9606.210	1.800, 43.940	1.610, 3.572	1.610, 43.940
	BLQ Values Included	0	0	0	2	4	6

TABLE 14.4-11
DESCRIPTIVE STATISTICS OF 24-HOUR URINE BIOMARKERS OF EXPOSURE BY TIMEPOINT FOR DEMOGRAPHIC CHARACTERISTIC: ANNUAL HOUSEHOLD INCOME
(Page 36 of 7)

Lab: Harrogate
Biomarker: Total Cotinine (ug/24hr)
Timepoint: Overall^{*}

Characteristic	Statistic	Smokers			Non-Smokers		
		Male	Female	Overall	Male	Female	Overall
\$19,999 or less	N	5	5	10	9	4	13
	MEAN, GEO MEAN	6306.570, 5410.110	4396.210, 3089.100	5351.390, 4088.080	9.809, 5.077	4.757, 3.641	8.255, 4.583
	SD, SE	4170.7000, 1865.1900	3348.0200, 1497.2800	3704.9500, 1171.6100	14.9198, 4.9733	4.5314, 2.2657	12.6263, 3.5019
	MEDIAN	4553.420	4525.570	4539.500	4.978	2.692	2.887
	MIN, MAX	3235.010, 13142.500	834.401, 8351.130	834.401, 13142.500	1.336, 48.539	2.103, 11.541	1.336, 48.539
	5%, 95%	3235.010, 13142.500	834.401, 8351.130	834.401, 13142.500	1.336, 48.539	2.103, 11.541	1.336, 48.539
\$20,000 to \$39,999	N	5	10	15	10	16	26
	MEAN, GEO MEAN	2474.420, 926.718	5731.320, 4895.210	4645.680, 2810.800	4.571, 2.758	4.001, 2.971	4.220, 2.887
	SD, SE	3170.5700, 1417.9200	3501.7600, 1107.3500	3644.2600, 940.9430	6.1772, 1.9534	3.5196, 0.8799	4.6097, 0.9040
	MEDIAN	1553.850	5219.620	5076.400	2.221	2.582	2.462
	MIN, MAX	30.528, 8021.910	2242.800, 12691.100	30.528, 12691.100	1.133, 21.198	1.181, 11.705	1.133, 21.198
	5%, 95%	30.528, 8021.910	2242.800, 12691.100	30.528, 12691.100	1.133, 21.198	1.181, 11.705	1.181, 11.705
\$40,000 to \$49,999	N	5	8	13	6	9	15
	MEAN, GEO MEAN	5769.450, 5473.230	4760.810, 3389.720	5148.750, 4075.630	8.510, 4.059	2.569, 2.123	4.945, 2.751
	SD, SE	1811.5500, 810.1500	2678.8100, 947.1020	2353.8900, 652.8500	11.3525, 4.6346	1.9818, 0.6606	7.5727, 1.9553
	MEDIAN	6181.980	5473.470	5694.770	2.191	2.150	2.150
	MIN, MAX	2807.980, 7306.560	287.143, 8390.020	287.143, 8390.020	1.467, 29.345	0.967, 7.518	0.967, 29.345
	5%, 95%	2807.980, 7306.560	287.143, 8390.020	287.143, 8390.020	1.467, 29.345	0.967, 7.518	0.967, 29.345
\$50,000 or more	N	3	9	12	5	7	12
	MEAN, GEO MEAN	4395.950, 4311.890	4754.030, 3926.020	4664.510, 4019.120	9.338, 4.907	2.926, 2.776	5.598, 3.520
	SD, SE	1025.9500, 592.3350	2817.6500, 939.2180	2447.7600, 706.6090	12.1622, 5.4391	1.1180, 0.4226	8.0852, 2.3340
	MEDIAN	4545.150	3929.650	4237.400	2.427	2.827	2.721
	MIN, MAX	3303.570, 5339.140	1109.300, 9136.210	1109.300, 9136.210	1.840, 30.177	1.884, 5.247	1.840, 30.177
	5%, 95%	3303.570, 5339.140	1109.300, 9136.210	1109.300, 9136.210	1.840, 30.177	1.884, 5.247	1.840, 30.177

* Overall values calculated by first averaging the results across visits within a subject, then calculating the descriptive statistics across subjects. Count of BLQ values does not apply as the BLQ values were converted to the upper limit of the BLQ (e.g., '<1.234' will be used as '1.234') for the averages across visits within a subject thus eliminating all BLQ values for the overall statistics.

TABLE 14.4-11
DESCRIPTIVE STATISTICS OF 24-HOUR URINE BIOMARKERS OF EXPOSURE BY TIMEPOINT FOR DEMOGRAPHIC CHARACTERISTIC: ANNUAL HOUSEHOLD INCOME
(Page 37 of 7)

Lab: Harrogate
Biomarker: Total Cotinine (nmol/24hr)
Timepoint: Week 1

Characteristic	Statistic	Smokers			Non-Smokers		
		Male	Female	Overall	Male	Female	Overall
\$19,999 or less	N	5	5	10	9	4	13
	MEAN, GEO MEAN	39335.000, 32831.900	24862.800, 16439.700	32098.900, 23232.400	51.497, 23.110	22.588, 18.737	42.602, 21.666
	SD, SE	27028.0000, 12087.3000	19753.2000, 8833.9100	23585.4000, 7458.3500	82.7476, 27.5825	17.7336, 8.8668	69.5433, 19.2878
	MEDIAN	28487.300	27491.500	27989.400	18.869	15.294	17.025
	MIN, MAX	15839.515, 81687.868	4090.086, 49071.657	4090.086, 81687.868	5.391, 264.415	10.783, 48.981	5.391, 264.415
	5%, 95%	15839.500, 81687.900	4090.090, 49071.700	4090.090, 81687.900	5.391, 264.415	10.783, 48.981	5.391, 264.415
	BLQ Values Included	0	0	0	2	2	4
\$20,000 to \$39,999	N	5	10	15	10	16	26
	MEAN, GEO MEAN	12822.700, 5408.490	31769.100, 24170.500	25453.600, 14674.000	25.124, 13.567	25.524, 15.109	25.370, 14.496
	SD, SE	15337.6000, 6859.2100	26318.8000, 8322.7400	24453.5000, 6313.8700	39.9607, 12.6367	32.7099, 8.1775	34.8837, 6.8413
	MEDIAN	7777.700	24732.000	23261.600	8.683	14.159	10.840
	MIN, MAX	252.855, 39219.113	5780.532, 97041.223	252.855, 97041.223	5.845, 135.860	3.235, 114.351	3.235, 135.860
	5%, 95%	252.855, 39219.100	5780.530, 97041.200	252.855, 97041.200	5.845, 135.860	3.235, 114.351	5.845, 114.351
	BLQ Values Included	0	0	0	5	10	15
\$40,000 to \$49,999	N	5	8	13	6	9	15
	MEAN, GEO MEAN	30005.100, 28400.000	26769.500, 17306.900	28013.900, 20938.700	43.127, 19.477	11.760, 10.544	24.307, 13.478
	SD, SE	11245.1000, 5028.9500	14807.3000, 5235.1700	13142.9000, 3645.1700	59.3709, 24.2380	5.7017, 1.9006	39.1213, 10.1011
	MEDIAN	26803.300	28228.100	26803.300	9.776	11.237	11.066
	MIN, MAX	17107.571, 47560.359	568.068, 42483.249	568.068, 47560.359	6.810, 152.544	4.540, 23.041	4.540, 152.544
	5%, 95%	17107.600, 47560.400	568.068, 42483.200	568.068, 47560.400	6.810, 152.544	4.540, 23.041	4.540, 152.544
	BLQ Values Included	0	0	0	1	8	9
\$50,000 or more	N	3	9	12	5	7	12
	MEAN, GEO MEAN	22999.200, 22047.800	27585.200, 21797.700	26438.700, 21859.900	56.338, 26.818	15.777, 15.167	32.677, 19.233
	SD, SE	7914.5800, 4569.4800	18606.3000, 6202.1200	16354.5000, 4721.1400	72.9448, 32.6219	4.5413, 1.7164	48.8096, 14.0901
	MEDIAN	23117.600	20933.200	22025.400	11.577	15.323	14.279
	MIN, MAX	15026.061, 30853.891	5728.742, 58734.122	5728.742, 58734.122	8.399, 177.287	8.910, 20.998	8.399, 177.287
	5%, 95%	15026.100, 30853.900	5728.740, 58734.100	5728.740, 58734.100	8.399, 177.287	8.910, 20.998	8.399, 177.287
	BLQ Values Included	0	0	0	3	3	6

TABLE 14.4-11
DESCRIPTIVE STATISTICS OF 24-HOUR URINE BIOMARKERS OF EXPOSURE BY TIMEPOINT FOR DEMOGRAPHIC CHARACTERISTIC: ANNUAL HOUSEHOLD INCOME
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Lab: Harrogate
Biomarker: Total Cotinine (nmol/24hr)
Timepoint: Week 2

Characteristic	Statistic	Smokers			Non-Smokers		
		Male	Female	Overall	Male	Female	Overall
\$19,999 or less	N	5	5	10	9	4	13
	MEAN, GEO MEAN	33183.200, 29434.700	22986.200, 17356.300	28084.700, 22602.600	91.438, 31.787	26.871, 21.125	71.571, 28.032
	SD, SE	19690.7000, 8805.9500	15053.8000, 6732.2600	17375.9000, 5494.7600	171.9100, 57.3033	23.1886, 11.5943	144.2170, 39.9986
	MEDIAN	27447.900	27248.900	27348.400	18.387	17.479	18.387
	MIN, MAX	16589.750, 66459.812	4175.063, 38439.618	4175.063, 66459.812	5.806, 540.203	11.662, 60.864	5.806, 540.203
	5%, 95%	16589.800, 66459.800	4175.060, 38439.600	4175.060, 66459.800	5.806, 540.203	11.662, 60.864	5.806, 540.203
	BLQ Values Included	0	0	0	3	1	4
\$20,000 to \$39,999	N	5	9	14	10	16	26
	MEAN, GEO MEAN	11442.700, 4726.430	40249.700, 33952.700	29961.500, 16789.500	27.502, 13.448	24.621, 17.867	25.729, 16.018
	SD, SE	12571.9000, 5622.3300	27299.4000, 9099.8100	26691.4000, 7133.5900	44.4293, 14.0498	20.6242, 5.1561	31.1109, 6.1013
	MEDIAN	8445.760	32162.800	26395.300	9.466	16.415	15.933
	MIN, MAX	145.564, 32967.494	16434.431, 92800.965	145.564, 92800.965	3.547, 148.776	5.193, 72.413	3.547, 148.776
	5%, 95%	145.564, 32967.500	16434.400, 92801.000	145.564, 92801.000	3.547, 148.776	5.193, 72.413	4.654, 72.413
	BLQ Values Included	0	0	0	4	8	12
\$40,000 to \$49,999	N	5	8	13	6	9	15
	MEAN, GEO MEAN	31998.600, 30222.700	27446.900, 18884.000	29197.600, 22628.000	48.652, 23.911	18.478, 12.464	30.548, 16.175
	SD, SE	10999.2000, 4919.0000	15991.7000, 5653.9100	13957.7000, 3871.1700	59.8886, 24.4494	22.8337, 7.6112	42.5792, 10.9939
	MEDIAN	35498.800	29207.100	29423.400	18.481	12.542	12.542
	MIN, MAX	16200.848, 44762.096	1367.108, 49722.421	1367.108, 49722.421	6.867, 154.502	4.256, 78.060	4.256, 154.502
	5%, 95%	16200.800, 44762.100	1367.110, 49722.400	1367.110, 49722.400	6.867, 154.502	4.256, 78.060	4.256, 154.502
	BLQ Values Included	0	0	0	2	8	10
\$50,000 or more	N	3	9	12	5	7	12
	MEAN, GEO MEAN	26520.400, 25876.400	26329.800, 21766.800	26377.500, 22728.500	37.025, 23.617	18.591, 15.428	26.272, 18.423
	SD, SE	6760.8100, 3903.3500	14613.9000, 4871.3100	12792.2000, 3692.7800	36.0841, 16.1373	15.8065, 5.9743	26.4548, 7.6368
	MEDIAN	29745.300	22964.500	26354.900	16.458	12.201	13.138
	MIN, MAX	18750.909, 31064.848	5566.874, 47704.141	5566.874, 47704.141	8.456, 87.117	10.408, 54.140	8.456, 87.117
	5%, 95%	18750.900, 31064.800	5566.870, 47704.100	5566.870, 47704.100	8.456, 87.117	10.408, 54.140	8.456, 87.117
	BLQ Values Included	0	0	0	3	4	7

TABLE 14.4-11
DESCRIPTIVE STATISTICS OF 24-HOUR URINE BIOMARKERS OF EXPOSURE BY TIMEPOINT FOR DEMOGRAPHIC CHARACTERISTIC: ANNUAL HOUSEHOLD INCOME
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Lab: Harrogate
Biomarker: Total Cotinine (nmol/24hr)
Timepoint: Week 3

Characteristic	Statistic	Smokers			Non-Smokers		
		Male	Female	Overall	Male	Female	Overall
\$19,999 or less	N	5	4	9	9	4	13
	MEAN, GEO MEAN	34851.100, 29309.500	31936.200, 22109.800	33555.600, 25858.200	24.068, 20.230	31.529, 20.710	26.364, 20.376
	SD, SE	24743.3000, 11065.5000	23627.8000, 11813.9000	22755.8000, 7585.2700	15.0489, 5.0163	36.8475, 18.4237	22.4334, 6.2219
	MEDIAN	21586.800	32515.000	22307.500	17.927	14.940	16.514
	MIN, MAX	17759.232, 75603.065	4291.889, 58423.160	4291.889, 75603.065	8.115, 49.849	9.591, 86.646	8.115, 86.646
	5%, 95%	17759.200, 75603.100	4291.890, 58423.200	4291.890, 75603.100	8.115, 49.849	9.591, 86.646	8.115, 86.646
	BLQ Values Included	0	0	0	4	3	7
\$20,000 to \$39,999	N	5	8	13	10	16	26
	MEAN, GEO MEAN	17861.500, 4874.360	31662.500, 30042.800	26354.500, 14926.600	25.198, 16.278	17.967, 13.625	20.748, 14.590
	SD, SE	26467.7000, 11836.7000	9744.6200, 3445.2400	18377.8000, 5097.0700	28.4499, 8.9967	16.3038, 4.0760	21.5347, 4.2233
	MEDIAN	9139.540	34845.700	25762.300	10.528	11.634	11.379
	MIN, MAX	121.326, 64386.394	14136.539, 43741.583	121.326, 64386.394	7.661, 80.040	5.618, 67.674	5.618, 80.040
	5%, 95%	121.326, 64386.400	14136.500, 43741.600	121.326, 64386.400	7.661, 80.040	5.618, 67.674	5.658, 76.261
	BLQ Values Included	0	0	0	5	10	15
\$40,000 to \$49,999	N	5	8	13	6	9	15
	MEAN, GEO MEAN	36221.300, 32712.100	26836.400, 19347.100	30446.000, 23677.900	53.098, 23.718	13.500, 12.240	29.339, 15.948
	SD, SE	16910.2000, 7562.4600	16214.5000, 5732.6800	16470.1000, 4567.9900	74.5459, 30.4332	6.5023, 2.1674	49.1125, 12.6808
	MEDIAN	37566.900	29450.100	29638.100	11.634	12.882	11.918
	MIN, MAX	14497.412, 60389.548	2953.429, 50634.438	2953.429, 60389.548	8.819, 192.553	6.810, 26.900	6.810, 192.553
	5%, 95%	14497.400, 60389.500	2953.430, 50634.400	2953.430, 60389.500	8.819, 192.553	6.810, 26.900	6.810, 192.553
	BLQ Values Included	0	0	0	3	9	12
\$50,000 or more	N	2	9	11	5	7	12
	MEAN, GEO MEAN	22832.500, 21208.200	27022.400, 23003.800	26260.600, 22666.400	65.612, 29.953	15.446, 15.023	36.349, 20.028
	SD, SE	11961.0000, 8457.7400	15257.3000, 5085.7500	14262.1000, 4300.1700	103.1840, 46.1451	3.6988, 1.3980	67.4266, 19.4644
	MEDIAN	22832.500	23004.500	23004.500	16.458	15.039	16.197
	MIN, MAX	14374.730, 31290.208	7590.290, 54515.242	7590.290, 54515.242	10.215, 249.360	9.137, 20.271	9.137, 249.360
	5%, 95%	14374.700, 31290.200	7590.290, 54515.200	7590.290, 54515.200	10.215, 249.360	9.137, 20.271	9.137, 249.360
	BLQ Values Included	0	0	0	2	4	6

TABLE 14.4-11
DESCRIPTIVE STATISTICS OF 24-HOUR URINE BIOMARKERS OF EXPOSURE BY TIMEPOINT FOR DEMOGRAPHIC CHARACTERISTIC: ANNUAL HOUSEHOLD INCOME
(Page 40 of ?)

Lab: Harrogate
Biomarker: Total Cotinine (umol/24hr)
Timepoint: Overall^a

Characteristic	Statistic	Smokers			Non-Smokers		
		Male	Female	Overall	Male	Female	Overall
\$19,999 or less	N	5	5	10	9	4	13
	MEAN, GEO MEAN	35789.800, 30702.400	24948.500, 17530.600	30369.100, 23199.900	55.668, 28.812	26.996, 20.664	46.846, 26.011
	SD, SE	23668.7000, 10585.0000	19000.0000, 8497.0500	21025.5000, 6648.8600	84.6703, 28.2234	25.7171, 12.8585	71.6549, 19.8735
	MEDIAN	25840.700	25682.600	25761.700	28.250	15.276	16.382
	MIN, MAX	18358.700, 74583.600	4735.230, 47392.600	4735.230, 74583.600	7.582, 275.461	11.936, 65.497	7.582, 275.461
	5%, 95%	18358.700, 74583.600	4735.230, 47392.600	4735.230, 74583.600	7.582, 275.461	11.936, 65.497	7.582, 275.461
\$20,000 to \$39,999	N	5	10	15	10	16	26
	MEAN, GEO MEAN	14042.300, 5259.130	32525.200, 27780.300	26364.200, 15951.300	25.941, 15.653	22.704, 16.862	23.949, 16.386
	SD, SE	17993.0000, 8046.6900	19872.4000, 6284.2100	20681.1000, 5339.8400	35.0551, 11.0854	19.9727, 4.9932	26.1594, 5.1303
	MEDIAN	8818.100	29621.300	28808.500	12.604	14.649	13.970
	MIN, MAX	173.248, 45524.300	12727.900, 72021.900	173.248, 72021.900	6.432, 120.299	6.704, 66.424	6.432, 120.299
	5%, 95%	173.248, 45524.300	12727.900, 72021.900	173.248, 72021.900	6.432, 120.299	6.704, 66.424	6.704, 66.424
\$40,000 to \$49,999	N	5	8	13	6	9	15
	MEAN, GEO MEAN	32741.600, 31060.600	27017.600, 19236.700	29219.200, 23129.200	48.293, 23.037	14.579, 12.044	28.065, 15.611
	SD, SE	10280.5000, 4597.5900	15202.2000, 5374.8100	13358.3000, 3704.9300	64.4251, 26.3014	11.2478, 3.7493	42.9757, 11.0963
	MEDIAN	35082.700	31061.900	32317.800	12.432	12.201	12.201
	MIN, MAX	15935.300, 41464.700	1629.540, 47613.400	1629.540, 47613.400	8.327, 166.533	5.486, 42.667	5.486, 166.533
	5%, 95%	15935.300, 41464.700	1629.540, 47613.400	1629.540, 47613.400	8.327, 166.533	5.486, 42.667	5.486, 166.533
\$50,000 or more	N	3	9	12	5	7	12
	MEAN, GEO MEAN	24947.000, 24469.900	26979.200, 22280.200	25471.100, 22808.500	52.992, 27.846	16.605, 15.754	31.766, 19.974
	SD, SE	5822.3100, 3361.5100	15990.2000, 5330.0700	13891.1000, 4010.0100	69.0207, 30.8670	6.3439, 2.3978	45.8839, 13.2455
	MEDIAN	25793.700	22300.800	24047.300	13.772	16.041	15.438
	MIN, MAX	18747.700, 30299.600	6295.300, 51848.000	6295.300, 51848.000	10.442, 171.255	10.692, 29.775	10.442, 171.255
	5%, 95%	18747.700, 30299.600	6295.300, 51848.000	6295.300, 51848.000	10.442, 171.255	10.692, 29.775	10.442, 171.255

^a Overall values calculated by first averaging the results across visits within a subject, then calculating the descriptive statistics across subjects. Count of BLQ values does not apply as the BLQ values were converted to the upper limit of the BLQ (e.g., <1.234' will be used as '1.234') for the averages across visits within a subject thus eliminating all BLQ values for the overall statistics.

TABLE 14.4-11
DESCRIPTIVE STATISTICS OF 24-HOUR URINE BIOMARKERS OF EXPOSURE BY TIMEPOINT FOR DEMOGRAPHIC CHARACTERISTIC: ANNUAL HOUSEHOLD INCOME
(Page 41 of 7)

Lab: Harrogate
Biomarker: Total Cotinine (ug/mg Creatinin)
Timepoint: Week 1

Characteristic	Statistic	Smokers			Non-Smokers		
		Male	Female	Overall	Male	Female	Overall
\$19,999 or less	N	5	5	10	9	4	13
	MEAN, GEO MEAN	4.722, 4.036	3.283, 2.147	4.003, 2.944	0.006, 0.002	0.004, 0.003	0.005, 0.003
	SD, SE	2.7213, 1.2170	2.8292, 1.2652	2.7247, 0.8616	0.0105, 0.0035	0.0040, 0.0020	0.0088, 0.0025
	MEDIAN	4.795	3.679	3.748	0.001	0.002	0.002
	MIN, MAX	1.699, 8.403	0.473, 7.533	0.473, 8.403	0.001, 0.033	0.002, 0.010	0.001, 0.033
	5%, 95%	1.699, 8.403	0.473, 7.533	0.473, 8.403	0.001, 0.033	0.002, 0.010	0.001, 0.033
	BLQ Values Included	0	0	0	2	2	4
\$20,000 to \$39,999	N	5	10	15	10	16	26
	MEAN, GEO MEAN	1.833, 0.760	5.184, 4.537	4.067, 2.501	0.002, NA	0.004, NA	0.003, NA
	SD, SE	2.3563, 1.0538	2.7111, 0.8573	2.9976, 0.7740	0.0032, 0.0010	0.0048, 0.0012	0.0043, 0.0008
	MEDIAN	0.873	4.675	4.266	0.001	0.002	0.002
	MIN, MAX	0.042, 5.934	1.616, 10.371	0.042, 10.371	0.000, 0.011	0.000, 0.015	0.000, 0.015
	5%, 95%	0.042, 5.934	1.616, 10.371	0.042, 10.371	0.000, 0.011	0.000, 0.015	0.000, 0.014
	BLQ Values Included	0	0	0	5	10	15
\$40,000 to \$49,999	N	5	8	13	6	9	15
	MEAN, GEO MEAN	3.787, 3.724	3.779, 2.391	3.782, 2.835	0.005, 0.002	0.002, 0.002	0.003, 0.002
	SD, SE	0.8288, 0.3706	2.2409, 0.7923	1.7771, 0.4929	0.0080, 0.0033	0.0007, 0.0002	0.0050, 0.0013
	MEDIAN	3.457	4.341	3.805	0.001	0.002	0.002
	MIN, MAX	3.209, 5.209	0.083, 6.903	0.083, 6.903	0.001, 0.021	0.001, 0.003	0.001, 0.021
	5%, 95%	3.209, 5.209	0.083, 6.903	0.083, 6.903	0.001, 0.021	0.001, 0.003	0.001, 0.021
	BLQ Values Included	0	0	0	1	8	9
\$50,000 or more	N	3	9	12	5	7	12
	MEAN, GEO MEAN	3.214, 3.166	4.223, 3.226	3.970, 3.211	0.006, 0.003	0.002, 0.002	0.003, 0.002
	SD, SE	0.6878, 0.3971	2.6986, 0.8995	2.3645, 0.6826	0.0077, 0.0034	0.0007, 0.0003	0.0050, 0.0015
	MEDIAN	3.067	4.301	4.055	0.002	0.002	0.002
	MIN, MAX	2.611, 3.963	0.540, 8.958	0.540, 8.958	0.001, 0.019	0.001, 0.003	0.001, 0.019
	5%, 95%	2.611, 3.963	0.540, 8.958	0.540, 8.958	0.001, 0.019	0.001, 0.003	0.001, 0.019
	BLQ Values Included	0	0	0	3	3	6

TABLE 14.4-11
DESCRIPTIVE STATISTICS OF 24-HOUR URINE BIOMARKERS OF EXPOSURE BY TIMEPOINT FOR DEMOGRAPHIC CHARACTERISTIC: ANNUAL HOUSEHOLD INCOME
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Lab: Harrogate
Biomarker: Total Cotinine (ug/mg Creatinin)
Timepoint: Week 2

Characteristic	Statistic	Smokers			Non-Smokers		
		Male	Female	Overall	Male	Female	Overall
\$19,999 or less	N	5	5	10	9	4	13
	MEAN, GEO MEAN	4.560, 3.944	3.587, 2.541	4.073, 3.166	0.013, 0.003	0.006, 0.004	0.011, 0.003
	SD, SE	2.4009, 1.0737	2.9760, 1.3309	2.6002, 0.8223	0.0294, 0.0098	0.0062, 0.0031	0.0244, 0.0068
	MEDIAN	5.376	3.723	3.844	0.001	0.003	0.002
	MIN, MAX	1.526, 7.522	0.636, 8.239	0.636, 8.239	0.001, 0.091	0.002, 0.015	0.001, 0.091
	5%, 95%	1.526, 7.522	0.636, 8.239	0.636, 8.239	0.001, 0.091	0.002, 0.015	0.001, 0.091
	BLQ Values Included	0	0	0	3	1	4
\$20,000 to \$39,999	N	5	9	14	10	16	26
	MEAN, GEO MEAN	1.814, 0.715	5.373, 4.505	4.102, 2.334	0.003, NA	0.004, 0.003	0.004, NA
	SD, SE	2.2344, 0.9993	3.6651, 1.2217	3.5963, 0.9612	0.0042, 0.0013	0.0027, 0.0007	0.0033, 0.0006
	MEDIAN	0.935	3.720	3.284	0.002	0.003	0.002
	MIN, MAX	0.029, 5.654	2.148, 12.831	0.029, 12.831	0.000, 0.014	0.001, 0.009	0.000, 0.014
	5%, 95%	0.029, 5.654	2.148, 12.831	0.029, 12.831	0.000, 0.014	0.001, 0.009	0.001, 0.009
	BLQ Values Included	0	0	0	4	8	12
\$40,000 to \$49,999	N	5	8	13	6	9	15
	MEAN, GEO MEAN	3.654, 3.577	3.464, 2.605	3.537, 2.943	0.005, 0.003	0.002, 0.002	0.003, 0.002
	SD, SE	0.8092, 0.3619	1.7997, 0.6363	1.4550, 0.4035	0.0059, 0.0024	0.0023, 0.0008	0.0041, 0.0011
	MEDIAN	3.781	3.765	3.781	0.002	0.002	0.002
	MIN, MAX	2.531, 4.543	0.240, 5.671	0.240, 5.671	0.001, 0.015	0.001, 0.008	0.001, 0.015
	5%, 95%	2.531, 4.543	0.240, 5.671	0.240, 5.671	0.001, 0.015	0.001, 0.008	0.001, 0.015
	BLQ Values Included	0	0	0	2	8	10
\$50,000 or more	N	3	9	12	5	7	12
	MEAN, GEO MEAN	2.878, 2.852	3.941, 3.172	3.675, 3.088	0.004, 0.002	0.003, 0.002	0.003, 0.002
	SD, SE	0.4847, 0.2799	2.4219, 0.8073	2.1307, 0.6151	0.0034, 0.0015	0.0016, 0.0006	0.0024, 0.0007
	MEDIAN	2.696	4.255	3.239	0.002	0.002	0.002
	MIN, MAX	2.510, 3.427	0.768, 8.058	0.768, 8.058	0.001, 0.009	0.001, 0.006	0.001, 0.009
	5%, 95%	2.510, 3.427	0.768, 8.058	0.768, 8.058	0.001, 0.009	0.001, 0.006	0.001, 0.009
	BLQ Values Included	0	0	0	3	4	7

TABLE 14.4-11
DESCRIPTIVE STATISTICS OF 24-HOUR URINE BIOMARKERS OF EXPOSURE BY TIMEPOINT FOR DEMOGRAPHIC CHARACTERISTIC: ANNUAL HOUSEHOLD INCOME
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Lab: Harrogate
Biomarker: Total Cotinine (ug/mg Creatinin)
Timepoint: Week 3

Characteristic	Statistic	Smokers			Non-Smokers		
		Male	Female	Overall	Male	Female	Overall
\$19,999 or less	N	5	4	9	9	4	13
	MEAN, GEO MEAN	4.185, 3.633	4.537, 3.203	4.341, 3.435	0.003, 0.002	0.007, 0.004	0.004, 0.002
	SD, SE	2.1641, 0.9678	4.1635, 2.0817	2.9794, 0.9931	0.0017, 0.0006	0.0090, 0.0045	0.0051, 0.0014
	MEDIAN	5.445	3.370	3.701	0.002	0.002	0.002
	MIN, MAX	1.718, 5.969	0.890, 10.517	0.890, 10.517	0.001, 0.006	0.002, 0.020	0.001, 0.020
	5%, 95%	1.718, 5.969	0.890, 10.517	0.890, 10.517	0.001, 0.006	0.002, 0.020	0.001, 0.020
	BLQ Values Included	0	0	0	4	3	7
\$20,000 to \$39,999	N	5	8	13	10	16	26
	MEAN, GEO MEAN	2.113, 0.706	5.403, 4.972	4.137, 2.347	0.002, 0.002	0.003, 0.002	0.003, 0.002
	SD, SE	2.9286, 1.3097	2.7616, 0.9764	3.1753, 0.8807	0.0024, 0.0007	0.0025, 0.0006	0.0024, 0.0005
	MEDIAN	1.117	4.436	4.006	0.001	0.003	0.002
	MIN, MAX	0.019, 7.284	3.400, 11.859	0.019, 11.859	0.001, 0.008	0.001, 0.008	0.001, 0.008
	5%, 95%	0.019, 7.284	3.400, 11.859	0.019, 11.859	0.001, 0.008	0.001, 0.008	0.001, 0.008
	BLQ Values Included	0	0	0	5	10	15
\$40,000 to \$49,999	N	5	8	13	6	9	15
	MEAN, GEO MEAN	3.881, 3.544	3.415, 2.642	3.594, 2.958	0.005, 0.002	0.002, 0.002	0.003, 0.002
	SD, SE	1.5841, 0.7084	1.9418, 0.6865	1.7583, 0.4877	0.0073, 0.0030	0.0011, 0.0004	0.0047, 0.0012
	MEDIAN	4.565	3.631	3.660	0.001	0.002	0.002
	MIN, MAX	1.553, 5.266	0.518, 5.841	0.518, 5.841	0.001, 0.019	0.001, 0.004	0.001, 0.019
	5%, 95%	1.553, 5.266	0.518, 5.841	0.518, 5.841	0.001, 0.019	0.001, 0.004	0.001, 0.019
	BLQ Values Included	0	0	0	3	9	12
\$50,000 or more	N	2	9	11	5	7	12
	MEAN, GEO MEAN	3.141, 3.113	4.454, 3.511	4.215, 3.435	0.006, 0.003	0.002, 0.002	0.004, 0.002
	SD, SE	0.5911, 0.4180	2.9909, 0.9970	2.7337, 0.8242	0.0104, 0.0047	0.0006, 0.0002	0.0067, 0.0019
	MEDIAN	3.141	3.807	3.559	0.002	0.002	0.002
	MIN, MAX	2.723, 3.559	0.892, 9.415	0.892, 9.415	0.001, 0.025	0.001, 0.003	0.001, 0.025
	5%, 95%	2.723, 3.559	0.892, 9.415	0.892, 9.415	0.001, 0.025	0.001, 0.003	0.001, 0.025
	BLQ Values Included	0	0	0	2	4	6

TABLE 14.4-11
DESCRIPTIVE STATISTICS OF 24-HOUR URINE BIOMARKERS OF EXPOSURE BY TIMEPOINT FOR DEMOGRAPHIC CHARACTERISTIC: ANNUAL HOUSEHOLD INCOME
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Lab: Harrogate
Biomarker: Total Cotinine (ug/mg Creatinin)
Timepoint: Overall^a

Characteristic	Statistic	Smokers			Non-Smokers		
		Male	Female	Overall	Male	Female	Overall
\$19,999 or less	N	5	5	10	9	4	13
	MEAN, GEO MEAN	4.489, 3.894	3.561, 2.446	4.025, 3.086	0.007, 0.003	0.006, 0.004	0.007, 0.003
	SD, SE	2.3471, 1.0497	3.2270, 1.4432	2.7048, 0.8553	0.0133, 0.0044	0.0064, 0.0032	0.0113, 0.0031
	MEDIAN	5.463	3.480	3.654	0.002	0.003	0.002
	MIN, MAX	1.648, 7.123	0.813, 8.763	0.813, 8.763	0.001, 0.042	0.002, 0.015	0.001, 0.042
	5%, 95%	1.648, 7.123	0.813, 8.763	0.813, 8.763	0.001, 0.042	0.002, 0.015	0.001, 0.042
\$20,000 to \$39,999	N	5	10	15	10	16	26
	MEAN, GEO MEAN	1.920, 0.752	5.325, 4.725	4.190, 2.561	0.003, 0.002	0.004, 0.003	0.003, 0.002
	SD, SE	2.4889, 1.1131	2.7758, 0.8778	3.0795, 0.7951	0.0028, 0.0009	0.0030, 0.0007	0.0029, 0.0006
	MEDIAN	1.155	4.274	3.902	0.002	0.003	0.002
	MIN, MAX	0.030, 6.291	1.882, 10.694	0.030, 10.694	0.001, 0.010	0.001, 0.010	0.001, 0.010
	5%, 95%	0.030, 6.291	1.882, 10.694	0.030, 10.694	0.001, 0.010	0.001, 0.010	0.001, 0.010
\$40,000 to \$49,999	N	5	8	13	6	9	15
	MEAN, GEO MEAN	3.774, 3.667	3.553, 2.641	3.638, 2.996	0.005, 0.002	0.002, 0.002	0.003, 0.002
	SD, SE	0.9835, 0.4398	1.9767, 0.6989	1.6169, 0.4484	0.0069, 0.0028	0.0013, 0.0004	0.0044, 0.0011
	MEDIAN	3.852	3.913	3.852	0.001	0.002	0.002
	MIN, MAX	2.514, 5.006	0.280, 6.138	0.280, 6.138	0.001, 0.018	0.001, 0.005	0.001, 0.018
	5%, 95%	2.514, 5.006	0.280, 6.138	0.280, 6.138	0.001, 0.018	0.001, 0.005	0.001, 0.018
\$50,000 or more	N	3	9	12	5	7	12
	MEAN, GEO MEAN	3.089, 3.069	4.206, 3.330	3.927, 3.263	0.005, 0.003	0.002, 0.002	0.004, 0.002
	SD, SE	0.4184, 0.2416	2.6529, 0.8843	2.3249, 0.6711	0.0071, 0.0032	0.0009, 0.0003	0.0047, 0.0013
	MEDIAN	3.247	4.239	3.499	0.002	0.002	0.002
	MIN, MAX	2.615, 3.406	0.733, 8.810	0.733, 8.810	0.001, 0.018	0.001, 0.004	0.001, 0.018
	5%, 95%	2.615, 3.406	0.733, 8.810	0.733, 8.810	0.001, 0.018	0.001, 0.004	0.001, 0.018

^a Overall values calculated by first averaging the results across visits within a subject, then calculating the descriptive statistics across subjects. Count of BLQ values does not apply as the BLQ values were converted to the upper limit of the BLQ (e.g., '<1.234' will be used as '1.234') for the averages across visits within a subject thus eliminating all BLQ values for the overall statistics.

TABLE 14.4-11
DESCRIPTIVE STATISTICS OF 24-HOUR URINE BIOMARKERS OF EXPOSURE BY TIMEPOINT FOR DEMOGRAPHIC CHARACTERISTIC: ANNUAL HOUSEHOLD INCOME
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Lab: Harrogate
Biomarker: Total Cotinine (nmol/mg Creatin)
Timepoint: Week 1

Characteristic	Statistic	Smokers			Non-Smokers		
		Male	Female	Overall	Male	Female	Overall
\$19,999 or less	N	5	5	10	9	4	13
	MEAN, GEO MEAN	26.799, 22.907	18.630, 12.187	22.714, 16.708	0.034, 0.014	0.023, 0.017	0.030, 0.015
	SD, SE	15.4432, 6.9064	16.0556, 7.1803	15.4630, 4.8898	0.0594, 0.0198	0.0230, 0.0115	0.0501, 0.0139
	MEDIAN	27.212	20.878	21.267	0.006	0.011	0.011
	MIN, MAX	9.642, 47.687	2.684, 42.750	2.684, 47.687	0.006, 0.187	0.011, 0.057	0.006, 0.187
	5%, 95%	9.642, 47.687	2.684, 42.750	2.684, 47.687	0.006, 0.187	0.011, 0.057	0.006, 0.187
	BLQ Values Included	0	0	0	2	2	4
\$20,000 to \$39,999	N	5	10	15	10	16	26
	MEAN, GEO MEAN	10.402, 4.312	29.422, 25.749	23.082, 14.193	0.014, NA	0.022, NA	0.019, NA
	SD, SE	13.3717, 5.9800	15.3851, 4.8652	17.0112, 4.3923	0.0178, 0.0056	0.0273, 0.0068	0.0240, 0.0047
	MEDIAN	4.954	26.528	24.210	0.006	0.011	0.011
	MIN, MAX	0.238, 33.675	9.171, 58.855	0.238, 58.855	0.000, 0.062	0.000, 0.085	0.000, 0.085
	5%, 95%	0.238, 33.675	9.171, 58.855	0.238, 58.855	0.000, 0.062	0.000, 0.085	0.000, 0.079
	BLQ Values Included	0	0	0	5	10	15
\$40,000 to \$49,999	N	5	8	13	6	9	15
	MEAN, GEO MEAN	21.492, 21.132	21.447, 13.571	21.464, 16.091	0.030, 0.013	0.012, 0.012	0.019, 0.012
	SD, SE	4.7032, 2.1033	12.7171, 4.4962	10.0853, 2.7972	0.0453, 0.0185	0.0038, 0.0013	0.0285, 0.0074
	MEDIAN	19.618	24.633	21.593	0.006	0.011	0.011
	MIN, MAX	18.211, 29.561	0.471, 39.175	0.471, 39.175	0.006, 0.119	0.006, 0.017	0.006, 0.119
	5%, 95%	18.211, 29.561	0.471, 39.175	0.471, 39.175	0.006, 0.119	0.006, 0.017	0.006, 0.119
	BLQ Values Included	0	0	0	1	8	9
\$50,000 or more	N	3	9	12	5	7	12
	MEAN, GEO MEAN	18.237, 17.967	23.963, 18.306	22.532, 18.220	0.032, 0.016	0.010, 0.010	0.019, 0.012
	SD, SE	3.9036, 2.2538	15.3148, 5.1049	13.4184, 3.8735	0.0435, 0.0195	0.0037, 0.0014	0.0286, 0.0083
	MEDIAN	17.405	24.408	23.010	0.011	0.011	0.011
	MIN, MAX	14.817, 22.490	3.065, 50.837	3.065, 50.837	0.006, 0.108	0.006, 0.017	0.006, 0.108
	5%, 95%	14.817, 22.490	3.065, 50.837	3.065, 50.837	0.006, 0.108	0.006, 0.017	0.006, 0.108
	BLQ Values Included	0	0	0	3	3	6

TABLE 14.4-11
DESCRIPTIVE STATISTICS OF 24-HOUR URINE BIOMARKERS OF EXPOSURE BY TIMEPOINT FOR DEMOGRAPHIC CHARACTERISTIC: ANNUAL HOUSEHOLD INCOME
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Lab: Harrogate
Biomarker: Total Cotinine (nmol/mg Creatin)
Timepoint: Week 2

Characteristic	Statistic	Smokers			Non-Smokers		
		Male	Female	Overall	Male	Female	Overall
\$19,999 or less	N	5	5	10	9	4	13
	MEAN, GEO MEAN	25.878, 22.384	20.354, 14.421	23.116, 17.967	0.075, 0.019	0.033, 0.022	0.062, 0.020
	SD, SE	13.6250, 6.0933	16.8886, 7.5528	14.7564, 4.6664	0.1665, 0.0555	0.0355, 0.0177	0.1386, 0.0384
	MEDIAN	30.509	21.128	21.815	0.006	0.017	0.011
	MIN, MAX	8.660, 42.687	3.609, 46.756	3.609, 46.756	0.006, 0.516	0.011, 0.085	0.006, 0.516
	5%, 95%	8.660, 42.687	3.609, 46.756	3.609, 46.756	0.006, 0.516	0.011, 0.085	0.006, 0.516
	BLQ Values Included	0	0	0	3	1	4
\$20,000 to \$39,999	N	5	9	14	10	16	26
	MEAN, GEO MEAN	10.296, 4.058	30.491, 25.564	23.278, 13.248	0.019, NA	0.020, 0.015	0.020, NA
	SD, SE	12.6800, 5.6707	20.7995, 6.9332	20.4092, 5.4546	0.0235, 0.0074	0.0153, 0.0038	0.0184, 0.0036
	MEDIAN	5.306	21.111	18.634	0.009	0.014	0.011
	MIN, MAX	0.165, 32.086	12.190, 72.816	0.165, 72.816	0.000, 0.079	0.006, 0.051	0.000, 0.079
	5%, 95%	0.165, 32.086	12.190, 72.816	0.165, 72.816	0.000, 0.079	0.006, 0.051	0.006, 0.051
	BLQ Values Included	0	0	0	4	8	12
\$40,000 to \$49,999	N	5	8	13	6	9	15
	MEAN, GEO MEAN	20.736, 20.300	19.658, 14.782	20.073, 16.700	0.028, 0.015	0.014, 0.011	0.019, 0.012
	SD, SE	4.5925, 2.0538	10.2136, 3.6111	8.2572, 2.2901	0.0332, 0.0136	0.0129, 0.0043	0.0232, 0.0060
	MEDIAN	21.457	21.367	21.457	0.009	0.011	0.011
	MIN, MAX	14.363, 25.782	1.362, 32.183	1.362, 32.183	0.006, 0.085	0.006, 0.045	0.006, 0.085
	5%, 95%	14.363, 25.782	1.362, 32.183	1.362, 32.183	0.006, 0.085	0.006, 0.045	0.006, 0.085
	BLQ Values Included	0	0	0	2	8	10
\$50,000 or more	N	3	9	12	5	7	12
	MEAN, GEO MEAN	16.331, 16.183	22.365, 17.998	20.857, 17.526	0.020, 0.014	0.014, 0.013	0.017, 0.013
	SD, SE	2.7508, 1.5882	13.7441, 4.5814	12.0916, 3.4905	0.0193, 0.0087	0.0092, 0.0035	0.0138, 0.0040
	MEDIAN	15.300	24.147	18.379	0.011	0.011	0.011
	MIN, MAX	14.244, 19.448	4.358, 45.729	4.358, 45.729	0.006, 0.051	0.006, 0.034	0.006, 0.051
	5%, 95%	14.244, 19.448	4.358, 45.729	4.358, 45.729	0.006, 0.051	0.006, 0.034	0.006, 0.051
	BLQ Values Included	0	0	0	3	4	7

TABLE 14.4-11
DESCRIPTIVE STATISTICS OF 24-HOUR URINE BIOMARKERS OF EXPOSURE BY TIMEPOINT FOR DEMOGRAPHIC CHARACTERISTIC: ANNUAL HOUSEHOLD INCOME
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Lab: Harrogate
Biomarker: Total Cotinine (nmol/mg Creatin)
Timepoint: Week 3

Characteristic	Statistic	Smokers			Non-Smokers		
		Male	Female	Overall	Male	Female	Overall
\$19,999 or less	N	5	4	9	9	4	13
	MEAN, GEO MEAN	23.750, 20.615	25.746, 18.178	24.637, 19.494	0.015, 0.012	0.037, 0.020	0.021, 0.014
	SD, SE	12.2812, 5.4923	23.6278, 11.8139	16.9078, 5.6359	0.0094, 0.0031	0.0515, 0.0258	0.0289, 0.0080
	MEDIAN	30.900	19.125	21.003	0.011	0.011	0.011
	MIN, MAX	9.750, 33.874	5.051, 59.684	5.051, 59.684	0.006, 0.034	0.011, 0.114	0.006, 0.114
	5%, 95%	9.750, 33.874	5.051, 59.684	5.051, 59.684	0.006, 0.034	0.011, 0.114	0.006, 0.114
	BLQ Values Included	0	0	0	4	3	7
\$20,000 to \$39,999	N	5	8	13	10	16	26
	MEAN, GEO MEAN	11.991, 4.010	30.660, 28.218	23.480, 13.324	0.014, 0.010	0.019, 0.014	0.017, 0.012
	SD, SE	16.6197, 7.4325	15.6720, 5.5409	18.0197, 4.9978	0.0132, 0.0042	0.0139, 0.0035	0.0135, 0.0027
	MEDIAN	6.339	25.175	22.734	0.006	0.014	0.011
	MIN, MAX	0.108, 41.337	19.295, 67.300	0.108, 67.300	0.006, 0.045	0.006, 0.045	0.006, 0.045
	5%, 95%	0.108, 41.337	19.295, 67.300	0.108, 67.300	0.006, 0.045	0.006, 0.045	0.006, 0.045
	BLQ Values Included	0	0	0	5	10	15
\$40,000 to \$49,999	N	5	8	13	6	9	15
	MEAN, GEO MEAN	22.022, 20.113	19.381, 14.996	20.397, 16.789	0.029, 0.013	0.012, 0.011	0.019, 0.012
	SD, SE	8.9898, 4.0204	11.0197, 3.8961	9.9782, 2.7675	0.0412, 0.0168	0.0059, 0.0020	0.0264, 0.0068
	MEDIAN	25.906	20.606	20.771	0.006	0.011	0.011
	MIN, MAX	8.813, 29.885	2.940, 33.148	2.940, 33.148	0.006, 0.108	0.006, 0.023	0.006, 0.108
	5%, 95%	8.813, 29.885	2.940, 33.148	2.940, 33.148	0.006, 0.108	0.006, 0.023	0.006, 0.108
	BLQ Values Included	0	0	0	3	9	12
\$50,000 or more	N	2	9	11	5	7	12
	MEAN, GEO MEAN	17.825, 17.666	25.274, 19.927	23.920, 19.495	0.036, 0.016	0.011, 0.011	0.022, 0.013
	SD, SE	3.3545, 2.3720	16.9732, 5.6577	15.5137, 4.6776	0.0592, 0.0265	0.0032, 0.0012	0.0380, 0.0110
	MEDIAN	17.825	21.605	20.197	0.011	0.011	0.011
	MIN, MAX	15.453, 20.197	5.062, 53.430	5.062, 53.430	0.006, 0.142	0.006, 0.017	0.006, 0.142
	5%, 95%	15.453, 20.197	5.062, 53.430	5.062, 53.430	0.006, 0.142	0.006, 0.017	0.006, 0.142
	BLQ Values Included	0	0	0	2	4	6

TABLE 14.4-11
DESCRIPTIVE STATISTICS OF 24-HOUR URINE BIOMARKERS OF EXPOSURE BY TIMEPOINT FOR DEMOGRAPHIC CHARACTERISTIC: ANNUAL HOUSEHOLD INCOME
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Lab: Harrogate
Biomarker: Total Cotinine (nmol/mg Creatin)
Timepoint: Overall^a

Characteristic	Statistic	Smokers			Non-Smokers		
		Male	Female	Overall	Male	Female	Overall
\$19,999 or less	N	5	5	10	9	4	13
	MEAN, GEO MEAN	25.476, 22.099	20.209, 13.878	22.842, 17.513	0.041, 0.017	0.031, 0.020	0.038, 0.018
	SD, SE	13.3211, 5.9574	18.3136, 8.1901	15.3504, 4.8542	0.0756, 0.0252	0.0364, 0.0182	0.0645, 0.0179
	MEDIAN	31.005	19.751	20.736	0.013	0.013	0.013
	MIN, MAX	9.351, 40.425	4.614, 49.730	4.614, 49.730	0.006, 0.240	0.011, 0.085	0.006, 0.240
	5%, 95%	9.351, 40.425	4.614, 49.730	4.614, 49.730	0.006, 0.240	0.011, 0.085	0.006, 0.240
\$20,000 to \$39,999	N	5	10	15	10	16	26
	MEAN, GEO MEAN	10.896, 4.269	30.218, 26.813	23.778, 14.533	0.016, 0.011	0.020, 0.015	0.018, 0.013
	SD, SE	14.1231, 6.3160	15.7529, 4.9815	17.4758, 4.5122	0.0160, 0.0051	0.0168, 0.0042	0.0163, 0.0032
	MEDIAN	6.555	24.250	22.146	0.011	0.014	0.012
	MIN, MAX	0.170, 35.699	10.681, 60.690	0.170, 60.690	0.004, 0.056	0.004, 0.057	0.004, 0.057
	5%, 95%	0.170, 35.699	10.681, 60.690	0.170, 60.690	0.004, 0.056	0.004, 0.057	0.004, 0.056
\$40,000 to \$49,999	N	5	8	13	6	9	15
	MEAN, GEO MEAN	21.417, 20.809	20.162, 14.987	20.645, 17.003	0.029, 0.014	0.013, 0.011	0.019, 0.012
	SD, SE	5.5821, 2.4964	11.2179, 3.9661	9.1759, 2.5449	0.0396, 0.0161	0.0066, 0.0022	0.0255, 0.0066
	MEDIAN	21.858	22.202	21.858	0.007	0.011	0.009
	MIN, MAX	14.265, 28.409	1.591, 34.835	1.591, 34.835	0.006, 0.104	0.006, 0.026	0.006, 0.104
	5%, 95%	14.265, 28.409	1.591, 34.835	1.591, 34.835	0.006, 0.104	0.006, 0.026	0.006, 0.104
\$50,000 or more	N	3	9	12	5	7	12
	MEAN, GEO MEAN	17.531, 17.419	23.867, 18.900	22.283, 18.518	0.029, 0.016	0.012, 0.011	0.019, 0.013
	SD, SE	2.3757, 1.3716	15.0550, 5.0183	13.1938, 3.8087	0.0401, 0.0179	0.0043, 0.0016	0.0259, 0.0075
	MEDIAN	18.427	24.058	19.856	0.009	0.011	0.011
	MIN, MAX	14.838, 19.329	4.162, 49.999	4.162, 49.999	0.006, 0.100	0.008, 0.021	0.006, 0.100
	5%, 95%	14.838, 19.329	4.162, 49.999	4.162, 49.999	0.006, 0.100	0.008, 0.021	0.006, 0.100

^a Overall values calculated by first averaging the results across visits within a subject, then calculating the descriptive statistics across subjects. Count of BLQ values does not apply as the BLQ values were converted to the upper limit of the BLQ (e.g., '<1.234' will be used as '1.234') for the averages across visits within a subject thus eliminating all BLQ values for the overall statistics.

TABLE 14.4-11
DESCRIPTIVE STATISTICS OF 24-HOUR URINE BIOMARKERS OF EXPOSURE BY TIMEPOINT FOR DEMOGRAPHIC CHARACTERISTIC: ANNUAL HOUSEHOLD INCOME
(Page 49 of ?)

Lab: Harrogate
Biomarker: Free Cotinine (ug/24hr)
Timepoint: Week 1

Characteristic	Statistic	Smokers			Non-Smokers		
		Male	Female	Overall	Male	Female	Overall
\$19,999 or less	N	5	5	10	9	4	13
	MEAN, GEO MEAN	1620.590, 1454.190	1234.570, 1032.900	1427.580, 1225.570	4.935, 2.470	2.272, 2.162	4.116, 2.371
	SD, SE	687.3900, 307.4100	690.0450, 308.5970	680.4570, 215.1790	8.6653, 2.8884	0.7842, 0.3921	7.2005, 1.9971
	MEDIAN	1929.020	1266.790	1442.260	2.005	2.363	2.005
	MIN, MAX	547.725, 2295.363	308.979, 2161.908	308.979, 2295.363	0.810, 27.900	1.350, 3.014	0.810, 27.900
	5%, 95%	547.725, 2295.360	308.979, 2161.910	308.979, 2295.360	0.810, 27.900	1.350, 3.014	0.810, 27.900
	BLQ Values Included	0	0	0	5	3	8
\$20,000 to \$39,999	N	5	10	15	10	16	26
	MEAN, GEO MEAN	1078.200, 475.728	2211.220, 1726.550	1833.550, 1123.500	3.417, 1.774	2.536, 2.019	2.875, 1.921
	SD, SE	1255.0900, 561.2930	1740.9200, 550.5270	1644.4100, 424.5860	5.9340, 1.8765	1.9102, 0.4776	3.8803, 0.7610
	MEDIAN	578.952	1863.400	1370.880	1.365	1.555	1.505
	MIN, MAX	26.790, 3201.831	489.342, 6435.660	26.790, 6435.660	0.530, 20.140	0.570, 6.912	0.530, 20.140
	5%, 95%	26.790, 3201.830	489.342, 6435.660	26.790, 6435.660	0.530, 20.140	0.570, 6.912	0.570, 6.912
	BLQ Values Included	0	0	0	8	12	20
\$40,000 to \$49,999	N	5	8	13	6	9	15
	MEAN, GEO MEAN	2437.800, 2404.240	1774.570, 1226.750	2029.660, 1589.090	4.338, 2.407	1.943, 1.790	2.901, 2.015
	SD, SE	454.4200, 203.2230	860.3300, 304.1730	783.1890, 217.2180	4.9608, 2.0252	0.7632, 0.2544	3.2553, 0.8405
	MEDIAN	2249.760	2171.780	2249.760	1.455	1.980	1.950
	MIN, MAX	1898.442, 3033.850	50.050, 2510.760	50.050, 3033.850	0.715, 12.160	0.800, 2.900	0.715, 12.160
	5%, 95%	1898.440, 3033.850	50.050, 2510.760	50.050, 3033.850	0.715, 12.160	0.800, 2.900	0.715, 12.160
	BLQ Values Included	0	0	0	3	9	12
\$50,000 or more	N	3	9	12	5	7	12
	MEAN, GEO MEAN	1542.860, 1459.780	1799.850, 1395.480	1735.600, 1411.280	4.201, 2.961	2.050, 1.920	2.946, 2.300
	SD, SE	566.1960, 326.8930	1261.6900, 420.5630	1108.8300, 320.0920	4.6287, 2.0700	0.7787, 0.2943	3.0575, 0.8826
	MEDIAN	1817.690	1463.960	1482.680	2.040	1.850	1.985
	MIN, MAX	891.708, 1919.190	448.668, 3580.185	448.668, 3580.185	1.480, 12.408	0.960, 3.350	0.960, 12.408
	5%, 95%	891.708, 1919.190	448.668, 3580.190	448.668, 3580.190	1.480, 12.408	0.960, 3.350	0.960, 12.408
	BLQ Values Included	0	0	0	3	7	10

TABLE 14.4-11
DESCRIPTIVE STATISTICS OF 24-HOUR URINE BIOMARKERS OF EXPOSURE BY TIMEPOINT FOR DEMOGRAPHIC CHARACTERISTIC: ANNUAL HOUSEHOLD INCOME
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Lab: Harrogate
Biomarker: Free Cotinine (ug/24hr)
Timepoint: Week 2

Characteristic	Statistic	Smokers			Non-Smokers		
		Male	Female	Overall	Male	Female	Overall
\$19,999 or less	N	5	5	10	9	4	13
	MEAN, GEO MEAN	1800.240, 1677.050	950.141, 840.895	1375.190, 1187.530	8.718, 3.069	2.903, 2.612	6.929, 2.920
	SD, SE	668.0940, 298.7810	515.3250, 230.4600	719.1280, 227.4080	19.0013, 6.3338	1.5059, 0.7530	15.7819, 4.3771
	MEDIAN	1785.450	655.832	1505.780	2.634	2.684	2.634
	MIN, MAX	793.440, 2616.090	439.552, 1548.130	439.552, 2616.090	1.023, 59.280	1.370, 4.875	1.023, 59.280
	5%, 95%	793.440, 2616.090	439.552, 1548.130	439.552, 2616.090	1.023, 59.280	1.370, 4.875	1.023, 59.280
	BLQ Values Included	0	0	0	5	2	7
\$20,000 to \$39,999	N	5	9	14	10	16	26
	MEAN, GEO MEAN	1042.300, 390.347	2590.320, 2303.540	2037.450, 1221.960	2.920, 1.796	2.280, 2.025	2.526, 1.934
	SD, SE	1170.9300, 523.6560	1245.2900, 415.0960	1403.1000, 374.9930	3.7987, 1.2012	1.0238, 0.2559	2.4340, 0.4773
	MEDIAN	803.040	2287.950	1815.030	1.545	2.395	2.093
	MIN, MAX	13.950, 2959.500	869.363, 4366.890	13.950, 4366.890	0.625, 13.221	0.660, 4.272	0.625, 13.221
	5%, 95%	13.950, 2959.500	869.363, 4366.890	13.950, 4366.890	0.625, 13.221	0.660, 4.272	0.660, 4.272
	BLQ Values Included	0	0	0	7	13	20
\$40,000 to \$49,999	N	5	8	13	6	9	15
	MEAN, GEO MEAN	2513.370, 2469.130	1695.520, 1273.930	2010.080, 1643.180	4.541, 2.822	2.594, 2.062	3.373, 2.338
	SD, SE	506.3140, 226.4310	1061.7800, 375.3970	956.3460, 265.2430	4.8409, 1.9763	2.1195, 0.7065	3.4512, 0.8911
	MEDIAN	2573.100	1709.300	1918.490	1.712	2.210	1.974
	MIN, MAX	1753.098, 3133.273	148.738, 3766.020	148.738, 3766.020	1.210, 12.220	0.750, 7.795	0.750, 12.220
	5%, 95%	1753.100, 3133.270	148.738, 3766.020	148.738, 3766.020	1.210, 12.220	0.750, 7.795	0.750, 12.220
	BLQ Values Included	0	0	0	3	8	11
\$50,000 or more	N	3	9	12	5	7	12
	MEAN, GEO MEAN	1779.210, 1767.180	1702.740, 1333.820	1721.860, 1431.010	4.199, 3.253	2.150, 2.078	3.004, 2.505
	SD, SE	258.7830, 149.4080	1152.9200, 384.3060	989.9900, 285.7850	3.4509, 1.5433	0.5770, 0.2181	2.3717, 0.6847
	MEDIAN	1678.280	1405.000	1632.190	2.900	2.150	2.315
	MIN, MAX	1586.097, 2073.245	350.900, 3463.250	350.900, 3463.250	1.490, 9.804	1.310, 2.900	1.310, 9.804
	5%, 95%	1586.100, 2073.250	350.900, 3463.250	350.900, 3463.250	1.490, 9.804	1.310, 2.900	1.310, 9.804
	BLQ Values Included	0	0	0	3	7	10

TABLE 14.4-11
DESCRIPTIVE STATISTICS OF 24-HOUR URINE BIOMARKERS OF EXPOSURE BY TIMEPOINT FOR DEMOGRAPHIC CHARACTERISTIC: ANNUAL HOUSEHOLD INCOME
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Lab: Harrogate
Biomarker: Free Cotinine (ug/24hr)
Timepoint: Week 3

Characteristic	Statistic	Smokers			Non-Smokers		
		Male	Female	Overall	Male	Female	Overall
\$19,999 or less	N	5	4	9	9	4	13
	MEAN, GEO MEAN	2223.940, 1898.130	1250.540, 1134.400	1791.320, 1509.960	2.299, 2.166	3.344, 2.939	2.620, 2.379
	SD, SE	1528.1400, 683.4050	608.8780, 304.4390	1252.9300, 417.6430	0.8634, 0.2878	2.1073, 1.0537	1.3635, 0.3782
	MEDIAN	1600.540	1223.950	1600.540	2.075	2.633	2.150
	MIN, MAX	1049.030, 4803.612	716.800, 1837.462	716.800, 4803.612	1.287, 4.032	1.690, 6.420	1.287, 6.420
	5%, 95%	1049.030, 4803.610	716.800, 1837.460	716.800, 4803.610	1.287, 4.032	1.690, 6.420	1.287, 6.420
	BLQ Values Included	0	0	0	5	3	8
\$20,000 to \$39,999	N	5	8	13	10	16	26
	MEAN, GEO MEAN	1439.700, 382.685	2352.690, 2143.520	2001.540, 1104.910	2.598, 1.979	1.938, 1.800	2.192, 1.867
	SD, SE	2110.6100, 943.8950	1169.5900, 413.5140	1580.0600, 438.2300	2.2995, 0.7272	0.7607, 0.1902	1.5355, 0.3011
	MEDIAN	818.971	2066.670	1655.220	1.685	1.862	1.742
	MIN, MAX	6.393, 5162.740	1093.649, 4886.167	6.393, 5162.740	0.750, 7.188	0.940, 3.290	0.750, 7.188
	5%, 95%	6.393, 5162.740	1093.650, 4886.170	6.393, 5162.740	0.750, 7.188	0.940, 3.290	0.940, 6.536
	BLQ Values Included	0	0	0	7	14	21
\$40,000 to \$49,999	N	5	8	13	6	9	15
	MEAN, GEO MEAN	2786.790, 2585.170	1703.700, 1263.400	2120.270, 1663.940	5.549, 3.295	2.379, 2.157	3.647, 2.555
	SD, SE	1276.0500, 570.6650	1145.3900, 404.9560	1268.4000, 351.7900	6.1155, 2.4967	1.1458, 0.3819	4.0854, 1.0549
	MEDIAN	2191.160	1633.050	2015.630	2.050	2.270	2.100
	MIN, MAX	1615.750, 4856.040	225.246, 3866.576	225.246, 4856.040	1.110, 15.370	1.200, 4.740	1.110, 15.370
	5%, 95%	1615.750, 4856.040	225.246, 3866.580	225.246, 4856.040	1.110, 15.370	1.200, 4.740	1.110, 15.370
	BLQ Values Included	0	0	0	4	9	13
\$50,000 or more	N	2	9	11	5	7	12
	MEAN, GEO MEAN	1219.110, 1218.950	1970.240, 1630.050	1833.670, 1546.150	6.862, 3.400	2.237, 2.217	4.176, 2.650
	SD, SE	27.8183, 19.6705	1242.4400, 414.1470	1152.1000, 347.3710	10.6388, 4.7578	0.4520, 0.1708	6.8477, 1.9768
	MEDIAN	1219.110	1456.480	1321.500	2.226	2.360	2.293
	MIN, MAX	1199.435, 1238.776	573.712, 3713.580	573.712, 3713.580	1.512, 25.870	1.610, 2.900	1.512, 25.870
	5%, 95%	1199.440, 1238.780	573.712, 3713.580	573.712, 3713.580	1.512, 25.870	1.610, 2.900	1.512, 25.870
	BLQ Values Included	0	0	0	2	7	9

TABLE 14.4-11
DESCRIPTIVE STATISTICS OF 24-HOUR URINE BIOMARKERS OF EXPOSURE BY TIMEPOINT FOR DEMOGRAPHIC CHARACTERISTIC: ANNUAL HOUSEHOLD INCOME
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Lab: Harrogate
Biomarker: Free Cotinine (ug/24hr)
Timepoint: Overall*

Characteristic	Statistic	Smokers			Non-Smokers		
		Male	Female	Overall	Male	Female	Overall
\$19,999 or less	N	5	5	10	9	4	13
	MEAN, GEO MEAN	1881.590, 1716.840	1086.660, 939.104	1484.130, 1269.760	5.317, 2.851	2.840, 2.603	4.555, 2.772
	SD, SE	836.4630, 374.0780	601.5880, 269.0380	804.5770, 254.4300	9.2940, 3.0980	1.3867, 0.6934	7.7125, 2.1391
	MEDIAN	2017.600	881.291	1541.840	2.689	2.560	2.632
	MIN, MAX	796.732, 3069.320	374.266, 1808.200	374.266, 3069.320	1.255, 30.043	1.470, 4.770	1.255, 30.043
	5%, 95%	796.732, 3069.320	374.266, 1808.200	374.266, 3069.320	1.255, 30.043	1.470, 4.770	1.255, 30.043
\$20,000 to \$39,999	N	5	10	15	10	16	26
	MEAN, GEO MEAN	1186.740, 455.933	2255.590, 1974.110	1899.310, 1211.200	2.978, 1.975	2.251, 2.030	2.531, 2.009
	SD, SE	1485.6700, 664.4110	1204.3200, 380.8400	1354.6400, 349.7650	3.8385, 1.2138	1.0619, 0.2655	2.4720, 0.4848
	MEDIAN	714.262	2017.940	1488.980	1.728	2.029	1.788
	MIN, MAX	15.711, 3774.690	679.353, 4483.280	15.711, 4483.280	0.787, 13.516	0.980, 4.381	0.787, 13.516
	5%, 95%	15.711, 3774.690	679.353, 4483.280	15.711, 4483.280	0.787, 13.516	0.980, 4.381	0.980, 4.381
\$40,000 to \$49,999	N	5	8	13	6	9	15
	MEAN, GEO MEAN	2579.320, 2541.990	1724.600, 1302.940	2053.340, 1684.840	4.809, 2.902	2.305, 2.035	3.307, 2.345
	SD, SE	473.7960, 211.8880	969.2760, 342.6910	900.1040, 249.6440	5.1990, 2.1228	1.2717, 0.4239	3.4918, 0.9016
	MEDIAN	2645.890	1841.290	2109.510	1.586	2.150	2.143
	MIN, MAX	1870.580, 3158.650	141.345, 3321.260	141.345, 3321.260	1.266, 12.202	0.967, 5.145	0.967, 12.202
	5%, 95%	1870.580, 3158.650	141.345, 3321.260	141.345, 3321.260	1.266, 12.202	0.967, 5.145	0.967, 12.202
\$50,000 or more	N	3	9	12	5	7	12
	MEAN, GEO MEAN	1567.370, 1561.650	1824.280, 1478.100	1760.050, 1498.560	5.087, 3.333	2.152, 2.088	3.375, 2.537
	SD, SE	161.5880, 93.2931	1196.6500, 398.8840	1029.4100, 297.1650	6.1580, 2.7539	0.5514, 0.2084	4.0298, 1.1633
	MEDIAN	1612.080	1396.820	1504.450	2.427	2.150	2.187
	MIN, MAX	1388.130, 1701.890	466.404, 3584.060	466.404, 3584.060	1.644, 16.027	1.293, 2.833	1.293, 16.027
	5%, 95%	1388.130, 1701.890	466.404, 3584.060	466.404, 3584.060	1.644, 16.027	1.293, 2.833	1.293, 16.027

*Overall values calculated by first averaging the results across visits within a subject, then calculating the descriptive statistics across subjects. Count of BLQ values does not apply as the BLQ values were converted to the upper limit of the BLQ (e.g., '<1.234' will be used as '1.234') for the averages across visits within a subject thus eliminating all BLQ values for the overall statistics.

TABLE 14.4-11
DESCRIPTIVE STATISTICS OF 24-HOUR URINE BIOMARKERS OF EXPOSURE BY TIMEPOINT FOR DEMOGRAPHIC CHARACTERISTIC: ANNUAL HOUSEHOLD INCOME
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Lab: Harrogate
Biomarker: Free Cotinine (nmol/24hr)
Timepoint: Week 1

Characteristic	Statistic	Smokers			Non-Smokers		
		Male	Female	Overall	Male	Female	Overall
\$19,999 or less	N	5	5	10	9	4	13
	MEAN, GEO MEAN	9196.850, 8252.540	7006.200, 5861.680	8101.530, 6955.130	28.007, 14.017	12.895, 12.268	23.357, 13.454
	SD, SE	3900.9400, 1744.5500	3916.0000, 1751.2900	3861.5900, 1221.1400	49.1755, 16.3918	4.4502, 2.2251	40.8633, 11.3334
	MEDIAN	10947.200	7189.030	8184.850	11.378	13.408	11.378
	MIN, MAX	3108.339, 13026.185	1753.456, 12268.828	1753.456, 13026.185	4.597, 158.333	7.661, 17.104	4.597, 158.333
	5%, 95%	3108.340, 13026.200	1753.460, 12268.800	1753.460, 13026.200	4.597, 158.333	7.661, 17.104	4.597, 158.333
	BLQ Values Included	0	0	0	5	3	8
\$20,000 to \$39,999	N	5	10	15	10	16	26
	MEAN, GEO MEAN	6118.800, 2699.760	12548.700, 9798.170	10405.400, 6375.850	19.389, 10.065	14.392, 11.460	16.314, 10.902
	SD, SE	7122.6300, 3185.3400	9879.7200, 3124.2400	9332.0500, 2409.5200	33.6756, 10.6492	10.8404, 2.7101	22.0208, 4.3186
	MEDIAN	3285.550	10574.800	7779.740	7.747	8.825	8.541
	MIN, MAX	152.033, 18170.391	2777.016, 36522.371	152.033, 36522.371	3.008, 114.295	3.235, 39.226	3.008, 114.295
	5%, 95%	152.033, 18170.400	2777.020, 36522.400	152.033, 36522.400	3.008, 114.295	3.235, 39.226	3.235, 39.226
	BLQ Values Included	0	0	0	8	12	20
\$40,000 to \$49,999	N	5	8	13	6	9	15
	MEAN, GEO MEAN	13834.500, 13644.000	10070.700, 6961.810	11518.300, 9018.100	24.620, 13.661	11.029, 10.157	16.465, 11.435
	SD, SE	2578.8300, 1153.2900	4882.3700, 1726.1800	4444.6000, 1232.7100	28.1522, 11.4931	4.3311, 1.4437	18.4736, 4.7699
	MEDIAN	12767.400	12324.900	12757.400	8.258	11.237	11.066
	MIN, MAX	10773.658, 17217.099	284.034, 14248.563	284.034, 17217.099	4.058, 69.008	4.540, 16.458	4.058, 69.008
	5%, 95%	10773.700, 17217.100	284.034, 14248.600	284.034, 17217.100	4.058, 69.008	4.540, 16.458	4.058, 69.008
	BLQ Values Included	0	0	0	3	9	12
\$50,000 or more	N	3	9	12	5	7	12
	MEAN, GEO MEAN	8755.750, 8284.240	10214.100, 7919.330	9849.530, 8009.020	23.840, 16.802	11.634, 10.897	16.720, 13.051
	SD, SE	3213.1600, 1855.1200	7160.0800, 2386.6900	6292.6200, 1816.5200	26.2676, 11.7472	4.4192, 1.6703	17.3510, 5.0088
	MEDIAN	10315.400	8307.950	8414.180	11.577	10.499	11.265
	MIN, MAX	5060.443, 10891.403	2546.191, 20317.550	2546.191, 20317.550	8.399, 70.415	5.448, 19.011	5.448, 70.415
	5%, 95%	5060.440, 10891.400	2546.190, 20317.600	2546.190, 20317.600	8.399, 70.415	5.448, 19.011	5.448, 70.415
	BLQ Values Included	0	0	0	3	7	10

TABLE 14.4-11
DESCRIPTIVE STATISTICS OF 24-HOUR URINE BIOMARKERS OF EXPOSURE BY TIMEPOINT FOR DEMOGRAPHIC CHARACTERISTIC: ANNUAL HOUSEHOLD INCOME
(Page 54 of 7)

Lab: Harrogate
Biomarker: Free Cotinine (nmol/24hr)
Timepoint: Week 2

Characteristic	Statistic	Smokers			Non-Smokers		
		Male	Female	Overall	Male	Female	Overall
\$19,999 or less	N	5	5	10	9	4	13
	MEAN, GEO MEAN	10216.400, 9517.260	5392.050, 4772.080	7804.210, 6739.220	49.472, 17.416	16.476, 14.823	39.319, 16.573
	SD, SE	3791.4300, 1695.5800	2924.4700, 1307.8600	4081.0500, 1290.5400	107.8320, 35.9441	8.5461, 4.2731	89.5622, 24.8401
	MEDIAN	10132.400	3721.850	8545.290	14.948	15.232	14.948
	MIN, MAX	4502.772, 14846.311	2494.458, 8785.638	2494.458, 14846.311	5.806, 336.414	7.775, 27.666	5.806, 336.414
	5%, 95%	4502.770, 14846.300	2494.460, 8785.640	2494.460, 14846.300	5.806, 336.414	7.775, 27.666	5.806, 336.414
	BLQ Values Included	0	0	0	5	2	7
\$20,000 to \$39,999	N	5	9	14	10	16	26
	MEAN, GEO MEAN	5915.060, 2215.220	14700.000, 13072.600	11562.500, 6934.640	16.569, 10.191	12.938, 11.493	14.335, 10.974
	SD, SE	6645.0300, 2971.7500	7067.0100, 2355.6700	7962.5700, 2128.0900	21.5574, 6.8170	5.8099, 1.4525	13.8129, 2.7089
	MEDIAN	4557.250	12984.100	10300.300	8.768	13.592	11.875
	MIN, MAX	79.166, 16795.163	4933.635, 24782.101	79.166, 24782.101	3.547, 75.029	3.746, 24.244	3.547, 75.029
	5%, 95%	79.166, 16795.200	4933.640, 24782.100	79.166, 24782.100	3.547, 75.029	3.746, 24.244	3.746, 24.244
	BLQ Values Included	0	0	0	7	13	20
\$40,000 to \$49,999	N	5	8	13	6	9	15
	MEAN, GEO MEAN	14263.400, 14012.300	9622.070, 7229.570	11407.200, 9325.020	25.769, 16.015	14.720, 11.702	19.140, 13.267
	SD, SE	2873.3300, 1284.9900	6025.6200, 2130.3800	5427.2700, 1505.2500	27.4722, 11.2155	12.0284, 4.0095	19.5859, 5.0570
	MEDIAN	14602.300	9700.290	10887.400	9.716	12.542	11.202
	MIN, MAX	9948.831, 17781.324	844.088, 21372.164	844.088, 21372.164	6.867, 69.349	4.256, 44.237	4.256, 69.349
	5%, 95%	9948.830, 17781.300	844.088, 21372.200	844.088, 21372.200	6.867, 69.349	4.256, 44.237	4.256, 69.349
	BLQ Values Included	0	0	0	3	8	11
\$50,000 or more	N	3	9	12	5	7	12
	MEAN, GEO MEAN	10097.000, 10028.800	9663.060, 7569.420	9771.540, 8120.980	23.828, 18.462	12.201, 11.794	17.046, 14.215
	SD, SE	1468.5900, 847.8920	6542.8200, 2180.9400	5618.1900, 1621.8300	19.5841, 8.7583	3.2747, 1.2377	13.4597, 3.8855
	MEDIAN	9524.210	7973.380	9262.660	16.458	12.201	13.138
	MIN, MAX	9001.100, 11765.665	1991.358, 19653.944	1991.358, 19653.944	8.456, 55.638	7.434, 16.458	7.434, 55.638
	5%, 95%	9001.100, 11765.700	1991.360, 19653.900	1991.360, 19653.900	8.456, 55.638	7.434, 16.458	7.434, 55.638
	BLQ Values Included	0	0	0	3	7	10

TABLE 14.4-11
DESCRIPTIVE STATISTICS OF 24-HOUR URINE BIOMARKERS OF EXPOSURE BY TIMEPOINT FOR DEMOGRAPHIC CHARACTERISTIC: ANNUAL HOUSEHOLD INCOME
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Lab: Harrogate
Biomarker: Free Cotinine (nmol/24hr)
Timepoint: Week 3

Characteristic	Statistic	Smokers			Non-Smokers		
		Male	Female	Overall	Male	Female	Overall
\$19,999 or less	N	5	4	9	9	4	13
	MEAN, GEO MEAN	12620.900, 10771.900	7096.800, 6437.720	10165.700, 8569.030	13.046, 12.294	18.976, 16.677	14.871, 13.504
	SD, SE	8672.2000, 3878.3300	3455.3803, 1727.6900	7110.3700, 2370.1200	4.9001, 1.6334	11.9594, 5.9797	7.7381, 2.1462
	MEDIAN	9083.040	6945.890	9083.040	11.776	14.940	12.201
	MIN, MAX	5953.245, 27260.498	4067.840, 10427.597	4067.840, 27260.498	7.304, 22.882	9.591, 36.434	7.304, 36.434
	5%, 95%	5953.250, 27260.500	4067.840, 10427.600	4067.840, 27260.500	7.304, 22.882	9.591, 36.434	7.304, 36.434
\$20,000 to \$39,999	BLQ Values Included	0	0	0	5	3	8
	N	5	8	13	10	16	26
	MEAN, GEO MEAN	8170.300, 2171.730	13351.500, 12164.500	11358.700, 6270.340	14.742, 11.230	11.000, 10.214	12.439, 10.593
	SD, SE	11977.7000, 5356.6000	6637.4500, 2346.6900	8966.8500, 2486.9600	13.0498, 4.1267	4.3171, 1.0793	8.7141, 1.7090
	MEDIAN	4647.660	11728.400	9393.370	9.563	10.567	9.886
	MIN, MAX	36.280, 29298.550	6206.458, 27728.998	36.280, 29298.550	4.256, 40.792	5.335, 18.671	4.256, 40.792
\$40,000 to \$49,999	5%, 95%	36.280, 29298.600	6206.460, 27729.000	36.280, 29298.600	4.256, 40.792	5.335, 18.671	5.335, 37.092
	BLQ Values Included	0	0	0	7	14	21
	N	5	8	13	6	9	15
	MEAN, GEO MEAN	15815.000, 14670.800	9668.510, 7169.820	12032.500, 9442.850	31.489, 18.702	13.500, 12.240	20.696, 14.502
	SD, SE	7241.5600, 3238.5200	6500.0800, 2298.1200	7198.1600, 1996.4100	34.7058, 14.1686	6.5023, 2.1674	23.1850, 5.9863
	MEDIAN	12434.900	9267.540	11438.700	11.634	12.882	11.918
\$50,000 or more	MIN, MAX	9169.381, 27558.027	1278.271, 21942.819	1278.271, 27558.027	6.299, 87.225	6.810, 26.900	6.299, 87.225
	5%, 95%	9169.380, 27558.000	1278.270, 21942.800	1278.270, 27558.000	6.299, 87.225	6.810, 26.900	6.299, 87.225
	BLQ Values Included	0	0	0	4	9	13
	N	2	9	11	5	7	12
	MEAN, GEO MEAN	6918.420, 6917.520	11181.100, 9250.530	10406.100, 8774.420	38.940, 19.297	12.809, 12.583	23.697, 15.037
	SD, SE	157.8690, 111.6300	7050.8500, 2350.2800	6538.1600, 1971.3300	60.3752, 27.0006	2.5651, 0.9695	38.8606, 11.2181
\$50,000 or more	MEDIAN	6918.420	8265.500	7499.520	12.633	13.393	13.013
	MIN, MAX	6806.794, 7030.054	3255.816, 21074.567	3255.816, 21074.567	8.581, 146.812	9.137, 16.458	8.581, 146.812
	5%, 95%	6806.790, 7030.050	3255.820, 21074.600	3255.820, 21074.600	8.581, 146.812	9.137, 16.458	8.581, 146.812
	BLQ Values Included	0	0	0	2	7	9

TABLE 14.4-11
DESCRIPTIVE STATISTICS OF 24-HOUR URINE BIOMARKERS OF EXPOSURE BY TIMEPOINT FOR DEMOGRAPHIC CHARACTERISTIC: ANNUAL HOUSEHOLD INCOME
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Lab: Harrogate
Biomarker: Free Cotinine (nmol/24hr)
Timepoint: Overall*

Characteristic	Statistic	Smokers			Non-Smokers		
		Male	Female	Overall	Male	Female	Overall
\$19,999 or less	N	5	5	10	9	4	13
	MEAN, GEO MEAN	10678.000, 9743.080	6166.840, 5329.420	8422.440, 7205.900	30.175, 16.181	16.116, 14.772	25.849, 15.733
	SD, SE	4746.9400, 2122.9000	3414.0300, 1526.8000	4565.9800, 1443.8900	52.7441, 17.5814	7.8691, 3.9345	43.7690, 12.1393
	MEDIAN	11449.900	5001.330	8749.930	15.258	14.527	14.935
	MIN, MAX	4521.450, 17418.400	2123.960, 10261.600	2123.960, 17418.400	7.122, 170.496	8.342, 27.068	7.122, 170.496
	5%, 95%	4521.450, 17418.400	2123.960, 10261.600	2123.960, 17418.400	7.122, 170.496	8.342, 27.068	7.122, 170.496
\$20,000 to \$29,999	N	5	10	15	10	16	26
	MEAN, GEO MEAN	6734.730, 2587.420	12800.500, 11203.000	10778.600, 6873.530	16.990, 11.210	12.777, 11.520	14.263, 11.400
	SD, SE	8431.1800, 3770.5400	6834.5200, 2161.2700	7687.5600, 1984.9200	21.7840, 6.8837	6.0261, 1.5065	14.0289, 2.7513
	MEDIAN	4053.440	11451.800	8449.940	9.807	11.516	13.144
	MIN, MAX	89.160, 21421.400	3855.330, 25442.600	89.160, 25442.600	4.464, 76.705	5.562, 24.864	4.464, 76.705
	5%, 95%	89.160, 21421.400	3855.330, 25442.600	89.160, 25442.600	4.464, 76.705	5.562, 24.864	5.562, 24.864
\$40,000 to \$49,999	N	5	8	13	6	9	15
	MEAN, GEO MEAN	14637.600, 14425.800	9787.080, 7394.180	11652.700, 9561.460	27.293, 16.470	13.083, 11.547	18.767, 13.310
	SD, SE	2688.8300, 1202.4800	5500.6300, 1944.7700	5108.0900, 1416.7300	29.5086, 12.0468	7.2174, 2.4058	19.8159, 5.1165
	MEDIAN	15015.400	10449.300	11971.500	9.000	12.201	12.163
	MIN, MAX	10615.500, 17925.400	802.131, 18848.100	802.131, 18848.100	7.186, 69.245	5.486, 29.198	5.486, 69.245
	5%, 95%	10615.500, 17925.400	802.131, 18848.100	802.131, 18848.100	7.186, 69.245	5.486, 29.198	5.486, 69.245
\$50,000 or more	N	3	9	12	5	7	12
	MEAN, GEO MEAN	8894.810, 8862.350	10352.800, 8388.230	9088.280, 8504.330	28.869, 18.917	12.215, 11.850	19.154, 14.399
	SD, SE	917.0290, 529.4470	6791.0000, 2263.6700	5841.9000, 1686.4100	34.9474, 13.5290	3.1291, 1.1827	22.8693, 6.6018
	MEDIAN	9148.560	7926.950	8537.760	13.772	12.201	12.409
	MIN, MAX	7877.630, 9658.250	2646.840, 20339.500	2646.840, 20339.500	9.330, 90.955	7.340, 16.080	7.340, 90.955
	5%, 95%	7877.630, 9658.250	2646.840, 20339.500	2646.840, 20339.500	9.330, 90.955	7.340, 16.080	7.340, 90.955

* Overall values calculated by first averaging the results across visits within a subject, then calculating the descriptive statistics across subjects. Count of BLQ values does not apply as the BLQ values were converted to the upper limit of the BLQ (e.g., '<1.234' will be used as '1.234') for the averages across visits within a subject thus eliminating all BLQ values for the overall statistics.

TABLE 14.4-11
DESCRIPTIVE STATISTICS OF 24-HOUR URINE BIOMARKERS OF EXPOSURE BY TIMEPOINT FOR DEMOGRAPHIC CHARACTERISTIC: ANNUAL HOUSEHOLD INCOME
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Lab: Harrogate
Biomarker: Free Cotinine (ug/mg Creatinin)
Timepoint: Week 1

Characteristic	Statistic	Smokers			Non-Smokers		
		Male	Female	Overall	Male	Female	Overall
\$19,999 or less	N	5	5	10	9	4	13
	MEAN, GEO MEAN	1.780, 1.015	0.948, 0.766	1.364, 0.882	0.003, 0.002	0.002, 0.002	0.003, 0.002
	SD, SE	2.2876, 1.0231	0.6023, 0.2693	1.6368, 0.5176	0.0062, 0.0021	0.0008, 0.0004	0.0052, 0.0014
	MEDIAN	0.765	0.870	0.847	0.001	0.002	0.001
	MIN, MAX	0.255, 5.808	0.203, 1.883	0.203, 5.808	0.001, 0.020	0.001, 0.003	0.001, 0.020
	5%, 95%	0.255, 5.808	0.203, 1.883	0.203, 5.808	0.001, 0.020	0.001, 0.003	0.001, 0.020
	BLQ Values Included	0	0	0	5	3	8
\$20,000 to \$39,999	N	5	10	15	10	16	26
	MEAN, GEO MEAN	0.881, 0.379	2.202, 1.840	1.762, 1.086	0.002, NA	0.002, NA	0.002, NA
	SD, SE	1.0909, 0.4878	1.1709, 0.3703	1.2796, 0.3304	0.0030, 0.0009	0.0024, 0.0006	0.0026, 0.0005
	MEDIAN	0.477	2.120	1.756	0.001	0.002	0.001
	MIN, MAX	0.025, 2.749	0.417, 3.903	0.025, 3.903	0.000, 0.010	0.000, 0.010	0.000, 0.010
	5%, 95%	0.025, 2.749	0.417, 3.903	0.025, 3.903	0.000, 0.010	0.000, 0.010	0.000, 0.010
	BLQ Values Included	0	0	0	8	12	20
\$40,000 to \$49,999	N	5	8	13	6	9	15
	MEAN, GEO MEAN	1.834, 1.789	1.490, 0.963	1.622, 1.222	0.003, 0.002	0.002, 0.002	0.002, 0.002
	SD, SE	0.4653, 0.2081	1.0522, 0.3720	0.8651, 0.2399	0.0033, 0.0013	0.0006, 0.0002	0.0020, 0.0005
	MEDIAN	1.728	1.482	1.611	0.001	0.002	0.002
	MIN, MAX	1.290, 2.572	0.042, 3.662	0.042, 3.662	0.001, 0.009	0.001, 0.003	0.001, 0.009
	5%, 95%	1.290, 2.572	0.042, 3.662	0.042, 3.662	0.001, 0.009	0.001, 0.003	0.001, 0.009
	BLQ Values Included	0	0	0	3	9	12
\$50,000 or more	N	3	9	12	5	7	12
	MEAN, GEO MEAN	1.197, 1.190	1.735, 1.172	1.601, 1.176	0.003, 0.002	0.002, 0.001	0.002, 0.002
	SD, SE	0.1577, 0.0910	1.3888, 0.4629	1.2110, 0.3496	0.0030, 0.0014	0.0005, 0.0002	0.0020, 0.0006
	MEDIAN	1.230	1.760	1.283	0.001	0.002	0.002
	MIN, MAX	1.025, 1.335	0.254, 4.207	0.254, 4.207	0.001, 0.008	0.001, 0.002	0.001, 0.008
	5%, 95%	1.025, 1.335	0.254, 4.207	0.254, 4.207	0.001, 0.008	0.001, 0.002	0.001, 0.008
	BLQ Values Included	0	0	0	3	7	10

TABLE 14.4-11
DESCRIPTIVE STATISTICS OF 24-HOUR URINE BIOMARKERS OF EXPOSURE BY TIMEPOINT FOR DEMOGRAPHIC CHARACTERISTIC: ANNUAL HOUSEHOLD INCOME
(Page 58 of 7)

Lab: Harrogate
Biomarker: Free Cotinine (ug/mg Creatinin)
Timepoint: Week 2

Characteristic	Statistic	Smokers			Non-Smokers		
		Male	Female	Overall	Male	Female	Overall
\$19,999 or less	N	5	5	10	9	4	13
	MEAN, GEO MEAN	1.830, 1.275	0.868, 0.699	1.349, 0.944	0.008, NA	0.003, 0.003	0.006, NA
	SD, SE	1.9124, 0.8553	0.7077, 0.3165	1.4509, 0.4588	0.0185, 0.0062	0.0026, 0.0013	0.0153, 0.0043
	MEDIAN	1.015	0.567	0.935	0.001	0.003	0.002
	MIN, MAX	0.414, 5.177	0.329, 2.087	0.329, 5.177	0.000, 0.057	0.001, 0.007	0.000, 0.057
	5%, 95%	0.414, 5.177	0.329, 2.087	0.329, 5.177	0.000, 0.057	0.001, 0.007	0.000, 0.057
	BLQ Values Included	0	0	0	5	2	7
\$20,000 to \$39,999	N	5	9	14	10	16	26
	MEAN, GEO MEAN	0.962, 0.336	1.985, 1.734	1.620, 0.965	0.002, NA	0.002, NA	0.002, NA
	SD, SE	1.1767, 0.5263	1.0165, 0.3388	1.1492, 0.3071	0.0021, 0.0007	0.0013, 0.0003	0.0016, 0.0003
	MEDIAN	0.505	1.511	1.345	0.002	0.002	0.002
	MIN, MAX	0.016, 2.880	0.645, 3.337	0.016, 3.337	0.000, 0.007	0.003, 0.004	0.000, 0.007
	5%, 95%	0.016, 2.880	0.645, 3.337	0.016, 3.337	0.000, 0.007	0.000, 0.004	0.000, 0.004
	BLQ Values Included	0	0	0	7	13	20
\$40,000 to \$49,999	N	5	8	13	6	9	15
	MEAN, GEO MEAN	1.694, 1.658	1.280, 0.997	1.444, 1.213	0.003, 0.002	0.002, 0.002	0.002, 0.002
	SD, SE	0.4018, 0.1797	0.9130, 0.3228	0.7630, 0.2116	0.0027, 0.0011	0.0015, 0.0005	0.0020, 0.0005
	MEDIAN	1.570	1.219	1.292	0.001	0.002	0.001
	MIN, MAX	1.265, 2.346	0.148, 3.335	0.148, 3.335	0.001, 0.007	0.001, 0.005	0.001, 0.007
	5%, 95%	1.265, 2.346	0.148, 3.335	0.148, 3.335	0.001, 0.007	0.001, 0.005	0.001, 0.007
	BLQ Values Included	0	0	0	3	8	11
\$50,000 or more	N	3	9	12	5	7	12
	MEAN, GEO MEAN	1.111, 1.105	1.550, 1.103	1.440, 1.104	0.002, 0.002	0.002, 0.002	0.002, 0.002
	SD, SE	0.1423, 0.0821	1.2563, 0.4188	1.0913, 0.3150	0.0016, 0.0007	0.0008, 0.0003	0.0012, 0.0003
	MEDIAN	1.037	1.250	1.144	0.002	0.002	0.002
	MIN, MAX	1.021, 1.275	0.275, 4.123	0.275, 4.123	0.001, 0.005	0.001, 0.003	0.001, 0.005
	5%, 95%	1.021, 1.275	0.275, 4.123	0.275, 4.123	0.001, 0.005	0.001, 0.003	0.001, 0.005
	BLQ Values Included	0	0	0	3	7	10

TABLE 14.4-11
DESCRIPTIVE STATISTICS OF 24-HOUR URINE BIOMARKERS OF EXPOSURE BY TIMEPOINT FOR DEMOGRAPHIC CHARACTERISTIC: ANNUAL HOUSEHOLD INCOME
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Lab: Harrogate
Biomarker: Free Cotinine (ug/mg Creatinine)
Timepoint: Week 3

Characteristic	Statistic	Smokers			Non-Smokers		
		Male	Female	Overall	Male	Female	Overall
\$19,999 or less	N	5	4	9	9	4	13
	MEAN, GEO MEAN	1.607, 1.335	1.016, 0.933	1.344, 1.138	0.001, 0.001	0.004, 0.003	0.002, 0.002
	SD, SE	0.9539, 0.4266	0.5119, 0.2559	0.8063, 0.2688	0.0007, 0.0002	0.0035, 0.0018	0.0022, 0.0006
	MEDIAN	1.927	0.873	0.903	0.001	0.002	0.002
	MIN, MAX	0.576, 2.730	0.567, 1.752	0.567, 2.730	0.001, 0.003	0.002, 0.009	0.001, 0.009
	5%, 95%	0.576, 2.730	0.567, 1.752	0.567, 2.730	0.001, 0.003	0.002, 0.009	0.001, 0.009
	BLQ Values Included	0	0	0	5	3	8
\$20,000 to \$39,999	N	5	8	13	10	16	26
	MEAN, GEO MEAN	0.996, 0.318	2.280, 2.014	1.786, 0.990	0.001, NA	0.002, 0.002	0.002, NA
	SD, SE	1.3195, 0.5901	1.2524, 0.4428	1.3851, 0.3842	0.0010, 0.0003	0.0014, 0.0004	0.0013, 0.0003
	MEDIAN	0.568	1.646	1.593	0.001	0.002	0.001
	MIN, MAX	0.006, 3.315	0.927, 4.641	0.006, 4.641	0.000, 0.003	0.001, 0.005	0.000, 0.005
	5%, 95%	0.006, 3.315	0.927, 4.641	0.006, 4.641	0.000, 0.003	0.001, 0.005	0.001, 0.005
	BLQ Values Included	0	0	0	7	14	21
\$40,000 to \$49,999	N	5	8	13	6	9	15
	MEAN, GEO MEAN	1.661, 1.590	1.277, 0.979	1.424, 1.180	0.003, NA	0.002, 0.002	0.002, NA
	SD, SE	0.5180, 0.2317	0.9312, 0.3292	0.7957, 0.2207	0.0035, 0.0014	0.0011, 0.0004	0.0023, 0.0006
	MEDIAN	1.743	1.090	1.292	0.001	0.002	0.002
	MIN, MAX	0.983, 2.202	0.224, 3.174	0.224, 3.174	0.000, 0.009	0.001, 0.004	0.000, 0.009
	5%, 95%	0.983, 2.202	0.224, 3.174	0.224, 3.174	0.000, 0.009	0.001, 0.004	0.000, 0.009
	BLQ Values Included	0	0	0	4	9	13
\$50,000 or more	N	2	9	11	5	7	12
	MEAN, GEO MEAN	1.053, 1.015	2.009, 1.412	1.835, 1.330	0.004, 0.002	0.002, 0.001	0.003, 0.002
	SD, SE	0.3946, 0.2790	1.7238, 0.5746	1.5945, 0.4807	0.0056, 0.0025	0.0005, 0.0002	0.0036, 0.0010
	MEDIAN	1.053	1.410	1.332	0.002	0.002	0.002
	MIN, MAX	0.774, 1.332	0.383, 5.186	0.383, 5.186	0.001, 0.014	0.001, 0.002	0.001, 0.014
	5%, 95%	0.774, 1.332	0.383, 5.186	0.383, 5.186	0.001, 0.014	0.001, 0.002	0.001, 0.014
	BLQ Values Included	0	0	0	2	7	9

TABLE 14.4-11
DESCRIPTIVE STATISTICS OF 24-HOUR URINE BIOMARKERS OF EXPOSURE BY TIMEPOINT FOR DEMOGRAPHIC CHARACTERISTIC: ANNUAL HOUSEHOLD INCOME
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Lab: Harrogate
Biomarker: Free Cotinine (ug/mg Creatinin)
Timepoint: Overall^{*}

Characteristic	Statistic	Smokers			Non-Smokers		
		Male	Female	Overall	Male	Female	Overall
\$19,999 or less	N	5	5	10	9	4	13
	MEAN, GEO MEAN	1.739, 1.257	0.894, 0.741	1.317, 0.966	0.004, 0.002	0.003, 0.002	0.004, 0.002
	SD, SE	1.6501, 0.7379	0.6104, 0.2730	1.2545, 0.3967	0.0082, 0.0027	0.0022, 0.0011	0.0068, 0.0019
	MEDIAN	1.310	0.745	0.831	0.001	0.002	0.002
	MIN, MAX	0.415, 4.572	0.266, 1.907	0.266, 4.572	0.001, 0.026	0.001, 0.006	0.001, 0.026
	5%, 95%	0.415, 4.572	0.266, 1.907	0.266, 4.572	0.001, 0.026	0.001, 0.006	0.001, 0.026
\$20,000 to \$39,999	N	5	10	15	10	16	26
	MEAN, GEO MEAN	0.946, 0.372	2.214, 1.923	1.792, 1.112	0.002, NA	0.002, NA	0.002, NA
	SD, SE	1.1776, 0.5266	1.1089, 0.3507	1.2529, 0.3235	0.0020, 0.0006	0.0016, 0.0004	0.0017, 0.0003
	MEDIAN	0.652	2.178	1.717	0.001	0.002	0.001
	MIN, MAX	0.016, 2.981	0.531, 3.886	0.016, 3.886	0.000, 0.007	0.000, 0.006	0.000, 0.007
	5%, 95%	0.016, 2.981	0.531, 3.886	0.016, 3.886	0.000, 0.007	0.000, 0.006	0.000, 0.006
\$40,000 to \$49,999	N	5	8	13	6	9	15
	MEAN, GEO MEAN	1.729, 1.715	1.352, 1.019	1.497, 1.244	0.003, 0.002	0.002, 0.002	0.002, 0.002
	SD, SE	0.2567, 0.1148	0.9515, 0.3364	0.7660, 0.2124	0.0030, 0.0012	0.0009, 0.0003	0.0020, 0.0005
	MEDIAN	1.703	1.286	1.428	0.001	0.002	0.002
	MIN, MAX	1.428, 2.136	0.138, 3.390	0.138, 3.390	0.001, 0.008	0.001, 0.003	0.001, 0.008
	5%, 95%	1.428, 2.136	0.138, 3.390	0.138, 3.390	0.001, 0.008	0.001, 0.003	0.001, 0.008
\$50,000 or more	N	3	9	12	5	7	12
	MEAN, GEO MEAN	1.118, 1.112	1.765, 1.254	1.603, 1.217	0.003, 0.002	0.002, 0.001	0.002, 0.002
	SD, SE	0.1398, 0.0807	1.4224, 0.4741	1.2492, 0.3606	0.0034, 0.0015	0.0005, 0.0002	0.0022, 0.0006
	MEDIAN	1.043	1.680	1.161	0.002	0.002	0.002
	MIN, MAX	1.031, 1.279	0.304, 4.505	0.304, 4.505	0.001, 0.009	0.001, 0.002	0.001, 0.009
	5%, 95%	1.031, 1.279	0.304, 4.505	0.304, 4.505	0.001, 0.009	0.001, 0.002	0.001, 0.009

^{*} Overall values calculated by first averaging the results across visits within a subject, then calculating the descriptive statistics across subjects. Count of BLQ values does not apply as the BLQ values were converted to the upper limit of the BLQ (e.g., '<1.234' will be used as '1.234') for the averages across visits within a subject thus eliminating all BLQ values for the overall statistics.

TABLE 14.4-11
DESCRIPTIVE STATISTICS OF 24-HOUR URINE BIOMARKERS OF EXPOSURE BY TIMEPOINT FOR DEMOGRAPHIC CHARACTERISTIC: ANNUAL HOUSEHOLD INCOME
(Page 61 of 7)

Lab: Harrogate
Biomarker: Free Cotinine (nmol/mg Creatin)
Timepoint: Week 1

Characteristic	Statistic	Smokers			Non-Smokers		
		Male	Female	Overall	Male	Female	Overall
\$19,999 or less	N	5	5	10	9	4	13
	MEAN, GEO MEAN	10.099, 5.759	5.382, 4.347	7.741, 5.003	0.020, 0.010	0.011, 0.011	0.017, 0.010
	SD, SE	12.9821, 5.8058	3.4179, 1.5285	9.2886, 2.9373	0.0355, 0.0118	0.0045, 0.0023	0.0294, 0.0082
	MEDIAN	4.341	4.937	4.807	0.006	0.011	0.006
	MIN, MAX	1.447, 32.960	1.152, 10.686	1.152, 32.960	0.006, 0.114	0.006, 0.017	0.006, 0.114
	5%, 95%	1.447, 32.960	1.152, 10.686	1.152, 32.960	0.006, 0.114	0.006, 0.017	0.006, 0.114
	BLQ Values Included	0	0	0	5	3	8
\$20,000 to \$39,999	N	5	10	15	10	16	26
	MEAN, GEO MEAN	4.998, 2.150	12.497, 10.440	9.997, 6.165	0.010, NA	0.013, NA	0.012, NA
	SD, SE	6.1907, 2.7686	6.6451, 2.1014	7.2615, 1.8749	0.0169, 0.0053	0.0135, 0.0034	0.0146, 0.0029
	MEDIAN	2.707	12.031	9.965	0.006	0.009	0.006
	MIN, MAX	0.142, 15.601	2.366, 22.150	0.142, 22.150	0.000, 0.057	0.000, 0.057	0.000, 0.057
	5%, 95%	0.142, 15.601	2.366, 22.150	0.142, 22.150	0.000, 0.057	0.000, 0.057	0.000, 0.057
	BLQ Values Included	0	0	0	8	12	20
\$40,000 to \$49,999	N	5	8	13	6	9	15
	MEAN, GEO MEAN	10.406, 10.152	8.455, 5.466	9.205, 6.935	0.016, 0.011	0.012, 0.011	0.014, 0.011
	SD, SE	2.6404, 1.1808	5.9716, 2.1113	4.9093, 1.3616	0.0183, 0.0075	0.0034, 0.0011	0.0115, 0.0030
	MEDIAN	9.806	8.411	9.142	0.006	0.011	0.011
	MIN, MAX	7.321, 14.596	0.238, 20.782	0.238, 20.782	0.006, 0.051	0.006, 0.017	0.006, 0.051
	5%, 95%	7.321, 14.596	0.238, 20.782	0.238, 20.782	0.006, 0.051	0.006, 0.017	0.006, 0.051
	BLQ Values Included	0	0	0	3	9	12
\$50,000 or more	N	3	9	12	5	7	12
	MEAN, GEO MEAN	6.791, 6.750	9.847, 6.652	9.083, 6.676	0.015, 0.010	0.009, 0.008	0.011, 0.009
	SD, SE	0.8946, 0.5165	7.8813, 2.6271	6.8725, 1.9839	0.0170, 0.0076	0.0027, 0.0010	0.0109, 0.0031
	MEDIAN	6.980	9.988	7.278	0.006	0.011	0.009
	MIN, MAX	5.817, 7.576	1.441, 23.875	1.441, 23.875	0.006, 0.045	0.006, 0.011	0.006, 0.045
	5%, 95%	5.817, 7.576	1.441, 23.875	1.441, 23.875	0.006, 0.045	0.006, 0.011	0.006, 0.045
	BLQ Values Included	0	0	0	3	7	10

TABLE 14.4-11
DESCRIPTIVE STATISTICS OF 24-HOUR URINE BIOMARKERS OF EXPOSURE BY TIMEPOINT FOR DEMOGRAPHIC CHARACTERISTIC: ANNUAL HOUSEHOLD INCOME
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Lab: Harrogate
Biomarker: Free Cotinine (nmol/mg Creatin)
Timepoint: Week 2

Characteristic	Statistic	Smokers			Non-Smokers		
		Male	Female	Overall	Male	Female	Overall
\$19,999 or less	N	5	5	10	9	4	13
	MEAN, GEO MEAN	10.384, 7.236	4.925, 3.965	7.654, 5.357	0.044, NA	0.019, 0.015	0.036, NA
	SD, SE	10.8528, 4.8535	4.0163, 1.7961	8.2338, 2.6038	0.1049, 0.0350	0.0150, 0.0075	0.0868, 0.0241
	MEDIAN	5.760	3.218	5.306	0.006	0.014	0.011
	MIN, MAX	2.349, 29.379	1.867, 11.844	1.867, 29.379	0.000, 0.323	0.006, 0.040	0.000, 0.323
	5%, 95%	2.349, 29.379	1.867, 11.844	1.867, 29.379	0.000, 0.323	0.006, 0.040	0.000, 0.323
	BLQ Values Included	0	0	0	5	2	7
\$20,000 to \$39,999	N	5	9	14	10	16	26
	MEAN, GEO MEAN	5.460, 1.909	11.265, 9.843	9.192, 5.479	0.013, NA	0.011, NA	0.012, NA
	SD, SE	6.6779, 2.9865	5.7686, 1.9229	6.5218, 1.7430	0.0122, 0.0039	0.0072, 0.0018	0.0092, 0.0018
	MEDIAN	2.866	8.575	7.631	0.009	0.011	0.011
	MIN, MAX	0.091, 16.344	3.560, 18.937	0.091, 18.937	0.000, 0.040	0.000, 0.023	0.000, 0.040
	5%, 95%	0.091, 16.344	3.560, 18.937	0.091, 18.937	0.000, 0.040	0.000, 0.023	0.000, 0.023
	BLQ Values Included	0	0	0	7	13	20
\$40,000 to \$49,999	N	5	8	13	6	9	15
	MEAN, GEO MEAN	9.611, 9.412	7.312, 5.658	8.196, 6.882	0.015, 0.011	0.012, 0.010	0.013, 0.010
	SD, SE	2.2801, 1.0197	5.1811, 1.8318	4.3298, 1.2009	0.0149, 0.0061	0.0081, 0.0027	0.0110, 0.0028
	MEDIAN	8.910	6.918	7.332	0.006	0.011	0.006
	MIN, MAX	7.179, 13.314	0.840, 18.926	0.840, 18.926	0.006, 0.040	0.006, 0.028	0.006, 0.040
	5%, 95%	7.179, 13.314	0.840, 18.926	0.840, 18.926	0.006, 0.040	0.006, 0.028	0.006, 0.040
	BLQ Values Included	0	0	0	3	8	11
\$50,000 or more	N	3	9	12	5	7	12
	MEAN, GEO MEAN	6.305, 6.272	8.796, 6.260	8.174, 6.263	0.012, 0.010	0.010, 0.009	0.011, 0.010
	SD, SE	0.8076, 0.4662	7.1295, 2.3765	6.1931, 1.7878	0.0091, 0.0041	0.0041, 0.0015	0.0064, 0.0018
	MEDIAN	5.885	7.094	6.490	0.011	0.011	0.011
	MIN, MAX	5.794, 7.236	1.561, 23.398	1.561, 23.398	0.006, 0.028	0.006, 0.017	0.006, 0.028
	5%, 95%	5.794, 7.236	1.561, 23.398	1.561, 23.398	0.006, 0.028	0.006, 0.017	0.006, 0.028
	BLQ Values Included	0	0	0	3	7	10

TABLE 14.4-11
DESCRIPTIVE STATISTICS OF 24-HOUR URINE BIOMARKERS OF EXPOSURE BY TIMEPOINT FOR DEMOGRAPHIC CHARACTERISTIC: ANNUAL HOUSEHOLD INCOME
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Lab: Harrogate
Biomarker: Free Cotinine (nmol/mg Creatin)
Timepoint: Week 3

Characteristic	Statistic	Smokers			Non-Smokers		
		Male	Female	Overall	Male	Female	Overall
\$19,999 or less	N	5	4	9	9	4	13
	MEAN, GEO MEAN	9.120, 7.576	5.768, 5.292	7.630, 6.459	0.008, 0.008	0.021, 0.016	0.012, 0.010
	SD, SE	5.4132, 2.4208	2.9049, 1.4524	4.5758, 1.5253	0.0039, 0.0013	0.0200, 0.0100	0.0121, 0.0034
	MEDIAN	10.936	4.955	5.125	0.006	0.011	0.011
	MIN, MAX	3.269, 15.493	3.218, 9.943	3.218, 15.493	0.006, 0.017	0.011, 0.051	0.006, 0.051
	5%, 95%	3.269, 15.493	3.218, 9.943	3.218, 15.493	0.006, 0.017	0.011, 0.051	0.006, 0.051
	BLQ Values Included	0	0	0	5	3	8
\$20,000 to \$39,999	N	5	8	13	10	16	26
	MEAN, GEO MEAN	5.650, 1.805	12.941, 11.427	10.137, 5.619	0.008, NA	0.012, 0.010	0.011, NA
	SD, SE	7.4884, 3.3489	7.1074, 2.5128	7.8607, 2.1802	0.0054, 0.0017	0.0078, 0.0020	0.0071, 0.0014
	MEDIAN	3.223	9.342	9.040	0.006	0.011	0.006
	MIN, MAX	0.034, 18.813	5.261, 26.338	0.034, 26.338	0.000, 0.017	0.006, 0.028	0.000, 0.028
	5%, 95%	0.034, 18.813	5.261, 26.338	0.034, 26.338	0.000, 0.017	0.006, 0.028	0.006, 0.028
	BLQ Values Included	0	0	0	7	14	21
\$40,000 to \$49,999	N	5	8	13	6	9	15
	MEAN, GEO MEAN	9.424, 9.022	7.244, 5.557	8.082, 6.695	0.016, NA	0.012, 0.011	0.014, NA
	SD, SE	2.9395, 1.3146	5.2847, 1.8684	4.5155, 1.2524	0.0196, 0.0080	0.0059, 0.0020	0.0127, 0.0033
	MEDIAN	9.892	6.183	7.332	0.006	0.011	0.011
	MIN, MAX	5.579, 12.496	1.271, 18.012	1.271, 18.012	0.000, 0.051	0.006, 0.023	0.000, 0.051
	5%, 95%	5.579, 12.496	1.271, 18.012	1.271, 18.012	0.000, 0.051	0.006, 0.023	0.000, 0.051
	BLQ Values Included	0	0	0	4	9	13
\$50,000 or more	N	2	9	11	5	7	12
	MEAN, GEO MEAN	5.976, 5.762	11.403, 8.014	10.416, 7.547	0.023, 0.013	0.009, 0.008	0.015, 0.010
	SD, SE	2.2394, 1.5835	9.7823, 3.2608	9.0485, 2.7282	0.0316, 0.0141	0.0027, 0.0010	0.0204, 0.0059
	MEDIAN	5.976	8.002	7.559	0.011	0.011	0.011
	MIN, MAX	4.392, 7.559	2.174, 29.431	2.174, 29.431	0.006, 0.079	0.006, 0.011	0.006, 0.079
	5%, 95%	4.392, 7.559	2.174, 29.431	2.174, 29.431	0.006, 0.079	0.006, 0.011	0.006, 0.079
	BLQ Values Included	0	0	0	2	7	9

TABLE 14.4-11
DESCRIPTIVE STATISTICS OF 24-HOUR URINE BIOMARKERS OF EXPOSURE BY TIMEPOINT FOR DEMOGRAPHIC CHARACTERISTIC: ANNUAL HOUSEHOLD INCOME
(Page 64 of 7)

Lab: Harrogate
Biomarker: Free Cotinine (nmol/mg Creatin)
Timepoint: Overall^{*}

Characteristic	Statistic	Smokers			Non-Smokers		
		Male	Female	Overall	Male	Female	Overall
\$19,999 or less	N	5	5	10	9	4	13
	MEAN, GEO MEAN	9.868, 7.136	5.074, 4.207	7.471, 5.479	0.024, 0.011	0.017, 0.014	0.022, 0.012
	SD, SE	9.3632, 4.1874	3.4650, 1.5496	7.1192, 2.2513	0.0471, 0.0157	0.0128, 0.0064	0.0391, 0.0108
	MEDIAN	7.434	4.226	4.712	0.008	0.012	0.011
	MIN, MAX	2.355, 25.944	1.510, 10.824	1.510, 25.944	0.004, 0.149	0.008, 0.036	0.004, 0.149
	5%, 95%	2.355, 25.944	1.510, 10.824	1.510, 25.944	0.004, 0.149	0.008, 0.036	0.004, 0.149
\$20,000 to \$39,999	N	5	10	15	10	16	26
	MEAN, GEO MEAN	5.369, 2.104	12.567, 10.912	10.168, 6.304	0.010, NA	0.012, 0.010	0.012, NA
	SD, SE	6.6837, 2.9890	6.2932, 1.9901	7.1106, 1.8359	0.0108, 0.0034	0.0081, 0.0020	0.0090, 0.0018
	MEDIAN	3.700	12.359	9.746	0.007	0.009	0.008
	MIN, MAX	0.089, 16.919	3.013, 22.053	0.089, 22.053	0.000, 0.038	0.002, 0.032	0.000, 0.038
	5%, 95%	0.089, 16.919	3.013, 22.053	0.089, 22.053	0.000, 0.038	0.002, 0.032	0.002, 0.032
\$40,000 to \$49,999	N	5	8	13	6	9	15
	MEAN, GEO MEAN	9.814, 9.731	7.670, 5.781	8.495, 7.063	0.016, 0.010	0.012, 0.011	0.014, 0.011
	SD, SE	1.4561, 0.6512	5.4005, 1.9094	4.3472, 1.2057	0.0165, 0.0068	0.0050, 0.0017	0.0108, 0.0028
	MEDIAN	9.665	7.294	8.106	0.006	0.011	0.009
	MIN, MAX	8.106, 12.122	0.783, 19.240	0.783, 19.240	0.004, 0.043	0.006, 0.019	0.004, 0.043
	5%, 95%	8.106, 12.122	0.783, 19.240	0.783, 19.240	0.004, 0.043	0.006, 0.019	0.004, 0.043
\$50,000 or more	N	3	9	12	5	7	12
	MEAN, GEO MEAN	6.343, 6.312	10.015, 7.119	9.097, 6.908	0.017, 0.011	0.009, 0.009	0.012, 0.010
	SD, SE	0.7929, 0.4578	8.0718, 2.6906	7.0892, 2.0465	0.0193, 0.0086	0.0027, 0.0010	0.0124, 0.0036
	MEDIAN	5.921	9.536	6.590	0.009	0.009	0.009
	MIN, MAX	5.851, 7.258	1.725, 25.568	1.725, 25.568	0.006, 0.051	0.006, 0.013	0.006, 0.051
	5%, 95%	5.851, 7.258	1.725, 25.568	1.725, 25.568	0.006, 0.051	0.006, 0.013	0.006, 0.051

* Overall values calculated by first averaging the results across visits within a subject, then calculating the descriptive statistics across subjects. Count of BLQ values does not apply as the BLQ values were converted to the upper limit of the BLQ (e.g., '<1.234' will be used as '1.234') for the averages across visits within a subject thus eliminating all BLQ values for the overall statistics.

TABLE 14.4-11
DESCRIPTIVE STATISTICS OF 24-HOUR URINE BIOMARKERS OF EXPOSURE BY TIMEPOINT FOR DEMOGRAPHIC CHARACTERISTIC: ANNUAL HOUSEHOLD INCOME
(Page 65 of 7)

Lab: Harrogate
Biomarker: Total 3-hydroxycotinine (ug/24hr)
Timepoint: Week 1

Characteristic	Statistic	Smokers			Non-Smokers		
		Male	Female	Overall	Male	Female	Overall
\$19,999 or less	N	5	5	10	9	4	13
	MEAN, GEO MEAN	10640.600, 5863.420	6007.740, 4477.890	8324.160, 5124.040	13.627, 6.779	7.430, 4.859	11.720, 6.119
	SD, SE	12073.9000, 5399.5900	4491.6000, 2008.7100	8928.5300, 2823.4500	18.4036, 6.1345	8.3210, 4.1605	15.8735, 4.4025
	MEDIAN	6086.960	6706.000	6396.480	9.300	4.045	5.265
	MIN, MAX	795.900, 31233.615	1586.590, 12382.832	795.900, 31233.615	0.950, 59.985	1.900, 19.728	0.950, 59.985
	5%, 95%	795.900, 31233.600	1586.590, 12382.800	795.900, 31233.600	0.950, 59.985	1.900, 19.728	0.950, 59.985
	BLQ Values Included	0	0	0	2	1	3
\$20,000 to \$39,999	N	5	10	15	10	16	26
	MEAN, GEO MEAN	6935.710, 2823.500	8882.720, 7067.580	8233.710, 5205.270	7.281, 3.084	5.440, 3.313	6.148, 3.223
	SD, SE	7125.0800, 3186.4300	6425.3200, 2031.8600	6476.6900, 1672.2700	13.4827, 4.2635	6.8540, 1.7135	9.7192, 1.9061
	MEDIAN	5389.300	6773.760	5389.300	2.382	2.863	2.559
	MIN, MAX	80.370, 18631.252	3236.580, 21231.840	80.370, 21231.840	1.030, 44.460	1.140, 25.920	1.030, 44.460
	5%, 95%	80.370, 18631.300	3236.580, 21231.800	80.370, 21231.800	1.030, 44.460	1.140, 25.920	1.140, 25.920
	BLQ Values Included	0	0	0	4	6	10
\$40,000 to \$49,999	N	5	8	13	6	9	15
	MEAN, GEO MEAN	8829.280, 7520.430	6683.930, 4439.120	7509.070, 5436.920	12.501, 6.411	2.220, 1.958	6.332, 3.147
	SD, SE	4543.9100, 2032.1000	3809.5500, 1346.8800	4065.4900, 1127.5700	15.7283, 6.4211	1.1299, 0.3766	10.7822, 2.7840
	MEDIAN	8763.770	7636.140	8398.010	4.122	1.980	2.760
	MIN, MAX	2234.790, 14998.640	185.625, 11605.394	185.625, 14998.640	1.690, 40.870	0.800, 4.350	0.800, 40.870
	5%, 95%	2234.790, 14998.600	185.625, 11605.400	185.625, 14998.600	1.690, 40.870	0.800, 4.350	0.800, 40.870
	BLQ Values Included	0	0	0	1	7	8
\$50,000 or more	N	3	9	12	5	7	12
	MEAN, GEO MEAN	6880.750, 5398.930	7394.330, 5757.380	7265.930, 5665.590	21.746, 7.637	3.983, 3.577	11.384, 4.906
	SD, SE	4629.4800, 2672.8300	5106.0600, 1702.0200	4786.6600, 1381.7900	35.5862, 15.9146	2.1187, 0.8008	23.3797, 6.7491
	MEDIAN	7907.760	5090.630	6499.190	3.256	3.350	3.303
	MIN, MAX	1824.000, 10910.487	1264.620, 15362.560	1264.620, 15362.560	2.040, 84.568	1.884, 8.140	1.884, 84.568
	5%, 95%	1824.000, 10910.500	1264.620, 15362.600	1264.620, 15362.600	2.040, 84.568	1.884, 8.140	1.884, 84.568
	BLQ Values Included	0	0	0	1	2	3

TABLE 14.4-11
DESCRIPTIVE STATISTICS OF 24-HOUR URINE BIOMARKERS OF EXPOSURE BY TIMEPOINT FOR DEMOGRAPHIC CHARACTERISTIC: ANNUAL HOUSEHOLD INCOME
(Page 66 of 7)

Lab: Harrogate
Biomarker: Total 3-hydroxycotinine (ug/24hr)
Timepoint: Week 2

Characteristic	Statistic	Smokers			Non-Smokers		
		Male	Female	Overall	Male	Female	Overall
\$19,999 or less	N	5	5	10	9	4	13
	MEAN, GEO MEAN	8432.880, 5519.420	7075.810, 6110.980	7754.350, 5807.670	19,577, 9.367	7,066, 4.499	15,727, 7.475
	SD, SE	7577.5800, 3388.8000	3258.7800, 1457.3700	5545.3800, 1753.6000	24,4648, 8.1549	8,3540, 4.1770	21,2742, 5.9004
	MEDIAN	7143.800	7606.700	7375.250	12,100	3,292	5,670
	MIN, MAX	842.508, 20994.570	1828.066, 9860.827	842.508, 20994.570	1,023, 74.670	2,178, 19.500	1,023, 74.670
	5%, 95%	842.508, 20994.600	1828.070, 9860.830	842.508, 20994.600	1,023, 74.670	2,178, 19.500	1,023, 74.670
	BLQ Values Included	0	0	0	0	1	1
\$20,000 to \$39,999	N	5	9	14	10	16	26
	MEAN, GEO MEAN	6037.580, 2373.340	12884.600, 11749.600	10439.200, 6635.340	24,392, 4.691	7,135, 4.526	13,772, 4.589
	SD, SE	6008.3400, 2687.0100	5633.7600, 1877.9200	6498.5500, 1736.8100	59,4211, 18.7906	7,6575, 1.9144	37,1429, 7.2843
	MEDIAN	4608.450	10824.000	9699.540	2,912	3,157	3,157
	MIN, MAX	48.420, 16048.750	4897.530, 22147.192	48.420, 22147.192	1,000, 191.422	1,240, 24.208	1,000, 191.422
	5%, 95%	48.420, 16048.800	4897.530, 22147.200	48.420, 22147.200	1,000, 191.422	1,240, 24.208	1,148, 32.010
	BLQ Values Included	0	0	0	1	5	6
\$40,000 to \$49,999	N	5	8	13	6	9	15
	MEAN, GEO MEAN	8104.690, 7088.510	7633.190, 5210.060	7814.540, 5865.030	15,160, 8.042	3,273, 2.339	8,028, 3.833
	SD, SE	3954.7000, 1768.6000	5413.7500, 1914.0500	4729.3700, 1311.6900	16,9321, 6.9125	3,8308, 1.2769	12,1289, 3.1317
	MEDIAN	7484.060	7946.890	7610.060	7,376	2,210	2,500
	MIN, MAX	2514.243, 11931.825	504.248, 15518.250	504.248, 15518.250	2,420, 43.240	1,050, 13.297	1,050, 43.240
	5%, 95%	2514.240, 11931.800	504.248, 15518.300	504.248, 15518.300	2,420, 43.240	1,050, 13.297	1,050, 43.240
	BLQ Values Included	0	0	0	0	6	6
\$50,000 or more	N	3	9	12	5	7	12
	MEAN, GEO MEAN	9001.280, 8927.490	7513.880, 5772.790	7885.730, 6437.560	8,657, 5.128	4,102, 3.543	6,000, 4.133
	SD, SE	1374.3000, 793.4500	5415.1200, 1805.0400	4703.4200, 1357.7600	10,4476, 4.6723	2,6608, 1.0057	7,0039, 2.0219
	MEDIAN	9475.510	5663.390	6768.990	2,900	2,795	2,848
	MIN, MAX	7452.675, 10075.666	1171.885, 16060.160	1171.885, 16060.160	1,848, 26.574	2,200, 9.010	1,848, 26.574
	5%, 95%	7452.680, 10075.700	1171.890, 16060.200	1171.890, 16060.200	1,848, 26.574	2,200, 9.010	1,848, 26.574
	BLQ Values Included	0	0	0	1	2	3

TABLE 14.4-11
DESCRIPTIVE STATISTICS OF 24-HOUR URINE BIOMARKERS OF EXPOSURE BY TIMEPOINT FOR DEMOGRAPHIC CHARACTERISTIC: ANNUAL HOUSEHOLD INCOME
(Page 67 of 7)

Lab: Harrogate
Biomarker: Total 3-hydroxycotinine (ug/24hr)
Timepoint: Week 3

Characteristic	Statistic	Smokers		Non-Smokers		Overall
		Male	Female	Male	Female	
\$19,999 or less	N	5	4	9	4	13
	MEAN, GEO MEAN	7373.780, 4812.320	7300.430, 5114.850	6.113, 4.864	7.710, 4.905	6.604, 4.877
	SD, SE	6693.8700, 2393.5900	4573.1000, 2286.5500	5.1442, 1.7147	9.3394, 4.6697	6.3275, 1.7549
	MEDIAN	6238.290	8211.140	4.720	3.379	3.887
	MIN, MAX	844.100, 18190.064	1258.180, 11521.250	2.145, 18.883	2.395, 21.688	2.145, 21.688
	5%, 95%	844.100, 18190.100	1258.180, 11521.300	2.145, 18.883	2.395, 21.688	2.145, 21.688
\$20,000 to \$39,999	BLQ Values Included	0	0	1	2	3
	N	5	8	10	16	26
	MEAN, GEO MEAN	8196.940, 2387.790	10976.300, 9892.260	9.378, 4.010	4.412, 3.194	6.322, 3.486
	SD, SE	11093.2000, 4961.0200	5345.3000, 1889.8500	16.7752, 5.3048	3.9579, 0.9895	10.8063, 2.1193
	MEDIAN	5383.950	8517.870	2.483	3.245	3.065
	MIN, MAX	52.295, 27454.900	5200.713, 19074.831	1.430, 55.313	1.068, 14.840	1.068, 55.313
\$40,000 to \$49,999	5%, 95%	52.295, 27454.900	5200.710, 19074.800	1.430, 55.313	1.068, 14.840	1.089, 16.425
	BLQ Values Included	0	0	4	8	12
	N	5	8	6	9	15
	MEAN, GEO MEAN	11182.800, 9591.470	7012.050, 5118.010	17.618, 8.424	2.515, 2.332	8.556, 3.898
	SD, SE	6191.9800, 2769.1400	5566.0800, 1967.9100	21.2832, 8.6888	1.0750, 0.3583	14.8692, 3.8392
	MEDIAN	10967.300	5432.390	5.052	2.270	2.940
\$50,000 or more	MIN, MAX	3766.710, 18489.870	1308.324, 17026.808	2.310, 45.240	1.350, 4.740	1.350, 45.240
	5%, 95%	3766.710, 18489.900	1308.320, 17026.800	2.310, 45.240	1.350, 4.740	1.350, 45.240
	BLQ Values Included	0	0	0	5	5
	N	2	9	5	7	12
	MEAN, GEO MEAN	5916.220, 5804.700	7949.140, 6388.670	22.436, 8.025	4.502, 3.518	11.975, 4.961
	SD, SE	1616.8700, 1143.3000	5557.6500, 1852.5500	37.8608, 16.9319	3.6776, 1.3900	24.7771, 7.1525
\$50,000 or more	MEDIAN	5916.220	5992.600	6.201	2.650	2.900
	MIN, MAX	4772.922, 7059.517	1721.872, 17880.045	1.800, 89.830	1.610, 10.716	1.610, 89.830
	5%, 95%	4772.920, 7059.520	1721.870, 17880.000	1.800, 89.830	1.610, 10.716	1.610, 89.830
	BLQ Values Included	0	0	2	4	6
	N	2	9	5	7	12
	MEAN, GEO MEAN	5916.220, 5804.700	7949.140, 6388.670	22.436, 8.025	4.502, 3.518	11.975, 4.961
	SD, SE	1616.8700, 1143.3000	5557.6500, 1852.5500	37.8608, 16.9319	3.6776, 1.3900	24.7771, 7.1525
	MEDIAN	5916.220	5992.600	6.201	2.650	2.900
	MIN, MAX	4772.922, 7059.517	1721.872, 17880.045	1.800, 89.830	1.610, 10.716	1.610, 89.830
	5%, 95%	4772.920, 7059.520	1721.870, 17880.000	1.800, 89.830	1.610, 10.716	1.610, 89.830
	BLQ Values Included	0	0	2	4	6

TABLE 14.4-11
DESCRIPTIVE STATISTICS OF 24-HOUR URINE BIOMARKERS OF EXPOSURE BY TIMEPOINT FOR DEMOGRAPHIC CHARACTERISTIC: ANNUAL HOUSEHOLD INCOME
(Page 68 of ?)

Lab: Harrogate
Biomarker: Total 3-hydroxycotinine (ug/24hr)
Timepoint: Overall*

Characteristic	Statistic	Smokers			Non-Smokers		
		Male	Female	Overall	Male	Female	Overall
\$19,999 or less	N	5	5	10	9	4	13
	MEAN, GEO MEAN	8815.730, 5592.560	6583.420, 5388.050	7699.580, 5489.350	13.105, 7.950	7.402, 4.776	11.350, 6.796
	SD, SE	8587.0900, 3840.2600	3843.2800, 1718.7700	6381.3400, 2017.9600	14.6108, 4.8703	8.6620, 4.3310	12.9839, 3.6011
	MEDIAN	6579.080	6895.260	6737.170	8.684	3.572	7.105
	MIN, MAX	827.503, 23472.700	1557.610, 11177.500	827.503, 23472.700	1.374, 46.458	2.158, 20.305	1.374, 46.458
	5%, 95%	827.503, 23472.700	1557.610, 11177.500	827.503, 23472.700	1.374, 46.458	2.158, 20.305	1.374, 46.458
\$20,000 to \$39,999	N	5	10	15	10	16	26
	MEAN, GEO MEAN	7056.730, 2580.780	10106.500, 8688.710	9089.920, 5797.230	13.683, 4.396	5.662, 4.007	8.747, 4.153
	SD, SE	8040.8700, 3595.9900	5639.4800, 1783.3600	6413.4900, 1655.9600	29.6643, 9.3807	4.9511, 1.2378	18.6370, 3.6550
	MEDIAN	5127.230	8726.100	7407.170	2.796	3.169	2.994
	MIN, MAX	60.362, 20711.600	3236.580, 20818.000	60.362, 20818.000	1.318, 97.065	1.303, 18.212	1.303, 97.065
	5%, 95%	60.362, 20711.600	3236.580, 20818.000	60.362, 20818.000	1.318, 97.065	1.303, 18.212	1.318, 18.212
\$40,000 to \$49,999	N	5	8	13	6	9	15
	MEAN, GEO MEAN	9372.250, 8157.820	7109.730, 5222.330	7979.930, 6199.660	15.093, 8.077	2.669, 2.259	7.639, 3.761
	SD, SE	4619.7600, 2066.0200	4761.1000, 1683.3000	4652.9200, 1290.4900	17.6044, 7.1869	1.9239, 0.6413	12.3485, 3.1884
	MEDIAN	9400.860	6859.990	7237.190	4.986	2.150	2.883
	MIN, MAX	2838.580, 14322.800	666.066, 14426.400	666.066, 14426.400	2.523, 42.982	1.067, 7.462	1.067, 42.982
	5%, 95%	2838.580, 14322.800	666.066, 14426.400	666.066, 14426.400	2.523, 42.982	1.067, 7.462	1.067, 42.982
\$50,000 or more	N	3	9	12	5	7	12
	MEAN, GEO MEAN	7774.630, 7553.400	7619.120, 6059.150	7658.000, 6402.420	17.613, 7.441	4.196, 3.887	9.786, 5.095
	SD, SE	2372.7600, 1369.9100	5249.3800, 1749.7900	4590.1300, 1325.0600	27.8008, 12.4329	1.7661, 0.6675	18.1792, 5.2479
	MEDIAN	6711.120	5967.590	6361.850	5.675	3.651	4.514
	MIN, MAX	6119.680, 10493.100	1386.130, 16434.300	1386.130, 16434.300	1.896, 66.991	2.242, 7.019	1.896, 66.991
	5%, 95%	6119.680, 10493.100	1386.130, 16434.300	1386.130, 16434.300	1.896, 66.991	2.242, 7.019	1.896, 66.991

* Overall values calculated by first averaging the results across visits within a subject, then calculating the descriptive statistics across subjects. Count of BLQ values does not apply as the BLQ values were converted to the upper limit of the BLQ (e.g., '<1.234' will be used as '1.234') for the averages across visits within a subject thus eliminating all BLQ values for the overall statistics.

TABLE 14.4-11
DESCRIPTIVE STATISTICS OF 24-HOUR URINE BIOMARKERS OF EXPOSURE BY TIMEPOINT FOR DEMOGRAPHIC CHARACTERISTIC: ANNUAL HOUSEHOLD INCOME
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Lab: Harrogate
Biomarker: Total 3-hydroxycodine (nmol/24hr)
Timepoint: Week 1

Characteristic	Statistic	Smokers			Non-Smokers		
		Male	Female	Overall	Male	Female	Overall
\$19,999 or less	N	5	5	10	9	4	13
	MEAN, GEO MEAN	55362.900, 30507.400	31258.300, 23298.500	43310.600, 26660.400	70.899, 35.269	38.656, 25.282	60.978, 31.835
	SD, SE	62820.2000, 28094.1000	23369.8000, 10451.3000	46455.1000, 14690.4000	95.7539, 31.9180	43.2940, 21.6470	82.5896, 22.9062
	MEDIAN	31670.400	34891.300	33280.900	48.388	21.046	27.394
	MIN, MAX	4141.068, 162508.499	8255.028, 64427.875	4141.068, 162508.499	4.943, 312.102	9.886, 102.645	4.943, 312.102
	5%, 95%	4141.070, 162508.000	8255.030, 64427.900	4141.070, 162508.000	4.943, 312.102	9.886, 102.645	4.943, 312.102
	BLQ Values Included	0	0	0	2	1	3
\$20,000 to \$39,999	N	5	10	15	10	16	26
	MEAN, GEO MEAN	36086.500, 14690.700	46216.800, 36772.600	42840.000, 27083.000	37.881, 16.046	28.303, 17.238	31.986, 16.769
	SD, SE	37071.8000, 16579.0000	33430.9000, 10571.8000	33698.2000, 8700.8400	70.1505, 22.1835	35.6615, 8.9154	50.5690, 9.9174
	MEDIAN	28040.500	35243.900	28040.500	12.394	14.894	13.315
	MIN, MAX	418.165, 96938.404	16839.926, 110469.264	418.165, 110469.264	5.359, 231.325	5.931, 134.862	5.359, 231.325
	5%, 95%	418.165, 96938.400	16839.900, 110469.000	418.165, 110469.000	5.359, 231.325	5.931, 134.862	5.931, 134.862
	BLQ Values Included	0	0	0	4	6	10
\$40,000 to \$49,999	N	5	8	13	6	9	15
	MEAN, GEO MEAN	45938.700, 39128.800	34776.500, 23096.800	39069.700, 28288.300	65.040, 33.356	11.551, 10.190	32.946, 16.375
	SD, SE	23642.0000, 10573.0000	19821.1000, 7007.8200	21152.8000, 5866.7200	81.8348, 33.4089	5.8789, 1.9596	56.1001, 14.4830
	MEDIAN	45597.900	39730.800	43694.800	21.444	10.302	14.360
	MIN, MAX	11627.612, 78037.924	965.807, 60382.865	965.807, 78037.924	8.793, 212.647	4.162, 22.633	4.162, 212.647
	5%, 95%	11627.600, 78037.900	965.807, 60382.900	965.807, 78037.900	8.793, 212.647	4.162, 22.633	4.162, 212.647
	BLQ Values Included	0	0	0	1	7	8
\$50,000 or more	N	3	9	12	5	7	12
	MEAN, GEO MEAN	35800.500, 28090.600	38472.700, 29955.600	37804.600, 29478.100	113.145, 39.734	20.724, 18.611	59.233, 25.528
	SD, SE	24087.2000, 13906.8000	26566.8000, 8855.6200	24905.0000, 7189.4500	185.1550, 82.8038	11.0236, 4.1665	121.6450, 35.1158
	MEDIAN	41144.100	26486.500	33815.300	16.941	17.430	17.186
	MIN, MAX	9490.272, 56767.264	6579.818, 79931.400	6579.818, 79931.400	10.614, 440.007	9.802, 42.352	9.802, 440.007
	5%, 95%	9490.270, 56767.300	6579.820, 79931.400	6579.820, 79931.400	10.614, 440.007	9.802, 42.352	9.802, 440.007
	BLQ Values Included	0	0	0	1	2	3

TABLE 14.4-11
DESCRIPTIVE STATISTICS OF 24-HOUR URINE BIOMARKERS OF EXPOSURE BY TIMEPOINT FOR DEMOGRAPHIC CHARACTERISTIC: ANNUAL HOUSEHOLD INCOME
(Page 70 of 7)

Lab: Harrogate
Biomarker: Total 3-hydroxycotinine (amol/24hr)
Timepoint: Week 2

Characteristic	Statistic	Smokers			Non-Smokers		
		Male	Female	Overall	Male	Female	Overall
\$19,999 or less	N	5	5	10	9	4	13
	MEAN, GEO MEAN	43876.300, 28717.500	36815.400, 31795.400	40345.900, 30217.300	101.860, 48.735	36.762, 23.407	81.830, 38.891
	SD, SE	39426.1000, 17631.9000	16955.4000, 7582.7000	28852.6000, 9124.0000	127.2910, 42.4302	43.4661, 21.7330	110.6900, 30.6998
	MEDIAN	37169.200	39577.700	38373.400	62.956	17.129	29.501
	MIN, MAX	4383.569, 109234.748	9511.427, 51305.883	4383.569, 109234.748	5.323, 388.508	11.332, 101.459	5.323, 388.508
	5%, 95%	4383.570, 109235.000	9511.430, 51305.900	4383.570, 109235.000	5.323, 388.508	11.332, 101.459	5.323, 388.508
\$20,000 to \$39,999	BLQ Values Included	0	0	0	0	1	1
	N	5	9	14	10	16	26
	MEAN, GEO MEAN	31413.500, 12348.500	67038.500, 61133.200	54315.300, 34528.900	126.911, 24.408	37.123, 23.548	71.657, 23.875
	SD, SE	31261.4000, 13980.5000	29312.5000, 9770.8200	33812.0000, 9036.6300	309.1680, 97.7675	39.8420, 9.9605	193.2550, 37.9004
	MEDIAN	23977.800	56317.100	50466.700	15.149	16.423	16.423
	MIN, MAX	251.929, 83501.646	25481.849, 115231.840	251.929, 115231.840	5.203, 995.969	6.452, 125.954	5.203, 995.969
\$40,000 to \$49,999	5%, 95%	251.929, 83501.600	25481.800, 115232.000	251.929, 115232.000	5.203, 995.969	6.452, 125.954	5.973, 166.548
	BLQ Values Included	0	0	0	1	5	6
	N	5	8	13	6	9	15
	MEAN, GEO MEAN	42168.700, 36881.500	39715.500, 27107.900	40659.000, 30515.800	78.878, 41.843	17.031, 12.168	41.770, 19.942
	SD, SE	20576.3000, 9202.0000	28167.8000, 9958.8100	24606.9000, 6824.7300	88.0976, 35.9657	19.9317, 6.6439	63.1069, 16.2941
	MEDIAN	38939.600	41347.700	39595.200	38.378	11.499	13.008
\$50,000 or more	MIN, MAX	13081.606, 62081.285	2623.602, 80741.455	2623.602, 80741.455	12.591, 224.978	5.463, 69.184	5.463, 224.978
	5%, 95%	13081.600, 62081.300	2623.600, 80741.500	2623.600, 80741.500	12.591, 224.978	5.463, 69.184	5.463, 224.978
	BLQ Values Included	0	0	0	0	6	6
	N	3	9	12	5	7	12
	MEAN, GEO MEAN	46833.700, 46449.700	39094.700, 30035.800	41029.500, 33494.600	45.041, 26.679	21.342, 18.432	31.217, 21.503
	SD, SE	7150.4600, 4128.3200	28174.9000, 9391.6200	24471.9000, 7064.4200	54.3594, 24.3102	13.8439, 5.2325	36.4416, 10.5198
\$50,000 or more	MEDIAN	49301.100	29466.600	35219.000	15.089	14.542	14.816
	MIN, MAX	38776.268, 52423.690	6097.318, 83561.012	6097.318, 83561.012	9.615, 138.265	11.447, 46.879	9.615, 138.265
	5%, 95%	38776.300, 52423.700	6097.320, 83561.000	6097.320, 83561.000	9.615, 138.265	11.447, 46.879	9.615, 138.265
	BLQ Values Included	0	0	0	1	2	3

TABLE 14.4-11
DESCRIPTIVE STATISTICS OF 24-HOUR URINE BIOMARKERS OF EXPOSURE BY TIMEPOINT FOR DEMOGRAPHIC CHARACTERISTIC: ANNUAL HOUSEHOLD INCOME
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Lab: Harrogate
Biomarker: Total 3-hydroxycotinine (nmol/24hr)
Timepoint: Week 3

Characteristic	Statistic	Smokers			Non-Smokers		
		Male	Female	Overall	Male	Female	Overall
\$19,999 or less	N	5	4	9	9	4	13
	MEAN, GEO MEAN	38365.800, 25038.500	37984.100, 28720.000	38196.200, 26612.500	31.805, 25.304	40.115, 25.528	34.362, 25.373
	SD, SE	34828.2000, 15575.7000	23793.9000, 11896.9000	28615.5000, 9538.5100	26.7653, 8.9218	48.5932, 24.2966	32.9219, 9.1309
	MEDIAN	32457.800	42722.600	33159.100	24.558	17.579	20.224
	MIN, MAX	4391.852, 94642.903	6546.311, 59945.064	4391.852, 94642.903	11.160, 98.248	12.461, 112.843	11.160, 112.843
	5%, 95%	4391.850, 94642.900	6546.310, 59945.100	4391.850, 94642.900	11.160, 98.248	12.461, 112.843	11.160, 112.843
	BLQ Values Included	0	0	0	1	2	3
\$20,000 to \$39,999	N	5	8	13	10	16	26
	MEAN, GEO MEAN	42648.700, 12423.700	57109.600, 51469.400	51547.700, 29793.900	48.793, 20.866	22.955, 16.620	32.893, 18.140
	SD, SE	57717.8000, 25812.2000	27811.6000, 9832.8900	40190.4000, 11145.8000	87.2813, 27.6008	20.5928, 5.1482	56.2251, 11.0267
	MEDIAN	28012.700	44318.500	40577.900	12.920	16.884	15.948
	MIN, MAX	272.091, 142847.845	27059.310, 99246.346	272.091, 142847.845	7.440, 287.794	5.557, 77.213	5.557, 287.794
	5%, 95%	272.091, 142848.000	27059.300, 99246.300	272.091, 142848.000	7.440, 287.794	5.557, 77.213	5.666, 85.459
	BLQ Values Included	0	0	0	4	8	12
\$40,000 to \$49,999	N	5	8	13	6	9	15
	MEAN, GEO MEAN	58184.100, 49904.400	36483.700, 26629.000	44830.000, 33905.700	91.666, 43.832	13.084, 12.131	44.517, 20.279
	SD, SE	32216.9000, 14407.8000	28960.3000, 10239.0000	30918.7000, 8575.2900	110.7370, 45.2081	5.5929, 1.8643	77.3646, 19.9754
	MEDIAN	57063.000	28264.700	34383.500	26.283	11.811	15.297
	MIN, MAX	19598.192, 96202.794	6807.210, 88590.482	6807.210, 96202.794	12.019, 235.384	7.024, 24.662	7.024, 235.384
	5%, 95%	19598.200, 96202.800	6807.210, 88590.500	6807.210, 96202.800	12.019, 235.384	7.024, 24.662	7.024, 235.384
	BLQ Values Included	0	0	0	0	5	5
\$50,000 or more	N	2	9	11	5	7	12
	MEAN, GEO MEAN	30782.100, 30201.800	41359.400, 33240.300	39436.200, 32665.900	116.733, 41.755	23.425, 18.304	62.304, 25.810
	SD, SE	8412.5600, 5948.5800	28916.5000, 9638.8200	26349.8000, 7944.7800	196.9900, 88.0964	19.1344, 7.2321	128.9150, 37.2146
	MEDIAN	30782.100	31179.500	31179.500	32.264	13.788	15.089
	MIN, MAX	24833.513, 36730.667	8958.900, 93029.874	8958.900, 93029.874	9.365, 467.385	8.377, 55.755	8.377, 467.385
	5%, 95%	24833.500, 36730.700	8958.900, 93029.900	8958.900, 93029.900	9.365, 467.385	8.377, 55.755	8.377, 467.385
	BLQ Values Included	0	0	0	2	4	6

TABLE 14.4-11
DESCRIPTIVE STATISTICS OF 24-HOUR URINE BIOMARKERS OF EXPOSURE BY TIMEPOINT FOR DEMOGRAPHIC CHARACTERISTIC: ANNUAL HOUSEHOLD INCOME
(Page 72 of 7)

Lab: Harrogate
Biomarker: Total 3-hydroxycotinine (nmol/24hr)
Timepoint: Overall^a

Characteristic	Statistic	Smokers			Non-Smokers		
		Male	Female	Overall	Male	Female	Overall
\$19,999 or less	N	5	5	10	9	4	13
	MEAN, GEO MEAN	45868.400, 29098.100	34253.600, 28034.000	40061.000, 28561.100	68.188, 41.364	38.511, 24.849	59.057, 35.361
	SD, SE	44678.9000, 19981.0000	19996.6000, 8942.7700	33202.3000, 10499.5000	76.0207, 25.3402	45.0702, 22.5351	67.5562, 18.7367
	MEDIAN	34231.000	35876.000	35053.500	45.183	18.585	36.967
	MIN, MAX	4305.500, 122129.000	8104.260, 58156.700	4305.500, 122129.000	7.151, 241.723	11.226, 105.649	7.151, 241.723
	5%, 95%	4305.500, 122129.000	8104.260, 58156.700	4305.500, 122129.000	7.151, 241.723	11.226, 105.649	7.151, 241.723
\$20,000 to \$39,999	N	5	10	15	10	16	26
	MEAN, GEO MEAN	36716.300, 13427.800	52584.200, 45207.400	47294.900, 30163.000	71.195, 22.872	29.460, 20.851	45.512, 21.606
	SD, SE	41836.9000, 18710.0000	29342.2000, 9278.8300	33369.5000, 8615.9600	154.3430, 48.8077	25.7607, 6.4402	96.9680, 19.0170
	MEDIAN	26677.000	45401.900	38539.500	14.548	16.486	15.576
	MIN, MAX	314.062, 107763.000	16839.900, 108316.000	314.062, 108316.000	6.859, 505.029	6.778, 94.757	6.778, 505.029
	5%, 95%	314.062, 107763.000	16839.900, 108316.000	314.062, 108316.000	6.859, 505.029	6.778, 94.757	6.859, 94.757
\$40,000 to \$49,999	N	5	8	13	6	9	15
	MEAN, GEO MEAN	48763.900, 42445.100	36991.900, 27171.800	41519.600, 32256.800	78.528, 42.028	13.888, 11.753	39.744, 19.566
	SD, SE	24036.7000, 10749.5000	24772.0000, 8758.2200	24209.2000, 6714.4200	91.5942, 37.3932	10.0109, 3.3370	64.2490, 16.5890
	MEDIAN	48912.700	35692.500	37655.100	25.943	11.186	15.002
	MIN, MAX	14769.100, 74521.700	3465.540, 75060.300	3465.540, 75060.300	13.127, 223.634	5.550, 38.826	5.550, 223.634
	5%, 95%	14769.100, 74521.700	3465.540, 75060.300	3465.540, 75060.300	13.127, 223.634	5.550, 38.826	5.550, 223.634
\$50,000 or more	N	3	9	12	5	7	12
	MEAN, GEO MEAN	40451.400, 39300.300	39642.300, 31525.700	39844.500, 33311.800	91.640, 38.716	21.831, 20.226	50.918, 26.509
	SD, SE	12345.4000, 7127.6300	27312.5000, 9104.1500	23882.4000, 6894.2500	144.6470, 64.6879	9.1887, 3.4730	94.5858, 27.3046
	MEDIAN	34918.000	31049.400	33100.700	29.527	18.994	23.482
	MIN, MAX	31840.700, 54595.500	7212.010, 85507.400	7212.010, 85507.400	9.865, 348.552	11.665, 36.518	9.865, 348.552
	5%, 95%	31840.700, 54595.500	7212.010, 85507.400	7212.010, 85507.400	9.865, 348.552	11.665, 36.518	9.865, 348.552

^a Overall values calculated by first averaging the results across visits within a subject, then calculating the descriptive statistics across subjects. Count of BLQ values does not apply as the BLQ values were converted to the upper limit of the BLQ (e.g., '<1.234' will be used as '1.234') for the averages across visits within a subject thus eliminating all BLQ values for the overall statistics.

TABLE 14.4-11
DESCRIPTIVE STATISTICS OF 24-HOUR URINE BIOMARKERS OF EXPOSURE BY TIMEPOINT FOR DEMOGRAPHIC CHARACTERISTIC: ANNUAL HOUSEHOLD INCOME
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Lab: Harrogate
Biomarker: Total 3-hydroxycotinine (ug/mg Creatinin)
Timepoint: Week 1

Characteristic	Statistic	Smokers			Non-Smokers		
		Male	Female	Overall	Male	Female	Overall
\$19,999 or less	N	5	5	10	9	4	13
	MEAN, GEO MEAN	6.643, 4.090	4.563, 3.320	5.603, 3.685	0.009, 0.004	0.008, 0.005	0.008, 0.004
	SD, SE	4.9214, 2.2009	3.8818, 1.7360	4.3202, 1.3662	0.0131, 0.0044	0.0096, 0.0048	0.0117, 0.0033
	MEDIAN	5.485	4.314	4.703	0.004	0.004	0.004
	MIN, MAX	0.370, 12.680	1.188, 10.787	0.370, 12.680	0.001, 0.042	0.002, 0.022	0.001, 0.042
	5%, 95%	0.370, 12.680	1.188, 10.787	0.370, 12.680	0.001, 0.042	0.002, 0.022	0.001, 0.042
	BLQ Values Included	0	0	0	2	1	3
\$20,000 to \$39,999	N	5	10	15	10	16	26
	MEAN, GEO MEAN	5.546, 2.253	8.535, 7.529	7.538, 5.036	0.004, NA	0.005, 0.003	0.005, NA
	SD, SE	6.1990, 2.7723	4.2766, 1.3524	4.9863, 1.2875	0.0064, 0.0020	0.0090, 0.0022	0.0080, 0.0016
	MEDIAN	3.431	8.084	7.021	0.002	0.002	0.002
	MIN, MAX	0.076, 15.997	2.851, 15.954	0.076, 15.997	0.000, 0.021	0.001, 0.037	0.000, 0.037
	5%, 95%	0.076, 15.997	2.851, 15.954	0.076, 15.997	0.000, 0.021	0.001, 0.037	0.001, 0.021
	BLQ Values Included	0	0	0	4	6	10
\$40,000 to \$49,999	N	5	8	13	6	9	15
	MEAN, GEO MEAN	6.069, 5.596	5.932, 3.481	5.985, 4.178	0.007, 0.004	0.002, 0.002	0.004, 0.003
	SD, SE	2.4044, 1.0753	5.4807, 1.9377	4.4106, 1.2233	0.0087, 0.0036	0.0007, 0.0002	0.0058, 0.0015
	MEDIAN	5.954	5.343	5.548	0.003	0.002	0.002
	MIN, MAX	2.563, 8.544	0.154, 18.231	0.154, 18.231	0.001, 0.020	0.001, 0.003	0.001, 0.020
	5%, 95%	2.563, 8.544	0.154, 18.231	0.154, 18.231	0.001, 0.020	0.001, 0.003	0.001, 0.020
	BLQ Values Included	0	0	0	1	7	8
\$50,000 or more	N	3	9	12	5	7	12
	MEAN, GEO MEAN	4.651, 4.400	6.845, 4.834	6.297, 4.722	0.013, 0.005	0.003, 0.003	0.007, 0.004
	SD, SE	1.7502, 1.0105	5.8190, 1.9397	5.1154, 1.4767	0.0219, 0.0098	0.0014, 0.0005	0.0142, 0.0041
	MEDIAN	5.068	4.833	4.951	0.002	0.002	0.002
	MIN, MAX	2.730, 6.155	0.676, 18.383	0.676, 18.383	0.002, 0.052	0.002, 0.005	0.002, 0.052
	5%, 95%	2.730, 6.155	0.676, 18.383	0.676, 18.383	0.002, 0.052	0.002, 0.005	0.002, 0.052
	BLQ Values Included	0	0	0	1	2	3

TABLE 14.4-11
DESCRIPTIVE STATISTICS OF 24-HOUR URINE BIOMARKERS OF EXPOSURE BY TIMEPOINT FOR DEMOGRAPHIC CHARACTERISTIC: ANNUAL HOUSEHOLD INCOME
(Page 74 of 7)

Lab: Harrogate
Biomarker: Total 3-hydroxycotinine (ug/mg Creatinin)
Timepoint: Week 2

Characteristic	Statistic	Smokers			Non-Smokers		
		Male	Female	Overall	Male	Female	Overall
\$19,999 or less	N	5	5	10	9	4	13
	MEAN, GEO MEAN	6.757, 4.198	6.213, 5.078	6.485, 4.617	0.014, 0.006	0.009, 0.004	0.012, 0.005
	SD, SE	5.3656, 2.3996	4.1671, 1.8636	4.5382, 1.4351	0.0227, 0.0076	0.0123, 0.0062	0.0198, 0.0055
	MEDIAN	4.718	5.772	5.303	0.005	0.003	0.004
	MIN, MAX	0.440, 14.138	1.581, 12.981	0.440, 14.138	0.001, 0.071	0.002, 0.027	0.001, 0.071
	5%, 95%	0.440, 14.138	1.581, 12.981	0.440, 14.138	0.001, 0.071	0.002, 0.027	0.001, 0.071
	BLQ Values Included	0	0	0	0	1	1
\$20,000 to \$39,999	N	5	9	14	10	16	26
	MEAN, GEO MEAN	5.215, 2.031	10.145, 8.846	8.384, 5.231	0.014, NA	0.006, 0.004	0.009, NA
	SD, SE	6.0086, 2.6871	5.6548, 1.8849	6.0660, 1.6212	0.0306, 0.0097	0.0062, 0.0016	0.0194, 0.0038
	MEDIAN	3.693	8.173	6.902	0.003	0.004	0.003
	MIN, MAX	0.054, 15.619	3.632, 20.024	0.054, 20.024	0.000, 0.099	0.001, 0.021	0.000, 0.099
	5%, 95%	0.054, 15.619	3.632, 20.024	0.054, 20.024	0.000, 0.099	0.001, 0.021	0.001, 0.022
	BLQ Values Included	0	0	0	1	5	6
\$40,000 to \$49,999	N	5	8	13	6	9	15
	MEAN, GEO MEAN	5.121, 4.761	5.601, 4.079	5.416, 4.329	0.009, 0.005	0.002, 0.002	0.005, 0.003
	SD, SE	1.9060, 0.8524	3.9468, 1.3954	3.2182, 0.8926	0.0102, 0.0041	0.0023, 0.0008	0.0071, 0.0018
	MEDIAN	4.869	5.398	5.242	0.004	0.002	0.002
	MIN, MAX	2.229, 6.883	0.503, 12.970	0.503, 12.970	0.001, 0.026	0.001, 0.008	0.001, 0.026
	5%, 95%	2.229, 6.883	0.503, 12.970	0.503, 12.970	0.001, 0.026	0.001, 0.008	0.001, 0.026
	BLQ Values Included	0	0	0	0	6	6
\$50,000 or more	N	3	9	12	5	7	12
	MEAN, GEO MEAN	5.638, 5.583	6.920, 4.774	6.599, 4.964	0.005, 0.003	0.003, 0.003	0.004, 0.003
	SD, SE	0.9607, 0.5547	6.2218, 2.0739	5.3532, 1.5453	0.0059, 0.0027	0.0019, 0.0007	0.0039, 0.0011
	MEDIAN	5.662	4.024	5.164	0.002	0.002	0.002
	MIN, MAX	4.666, 6.587	0.918, 18.908	0.918, 18.908	0.001, 0.015	0.002, 0.006	0.001, 0.015
	5%, 95%	4.666, 6.587	0.918, 18.908	0.918, 18.908	0.001, 0.015	0.002, 0.006	0.001, 0.015
	BLQ Values Included	0	0	0	1	2	3

TABLE 14.4-11
DESCRIPTIVE STATISTICS OF 24-HOUR URINE BIOMARKERS OF EXPOSURE BY TIMEPOINT FOR DEMOGRAPHIC CHARACTERISTIC: ANNUAL HOUSEHOLD INCOME
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Lab: Harrogate

Biomarker: Total 3-hydroxycotinine (ug/mg Creatinin)

Timepoint: Week 3

Characteristic	Statistic	Smokers			Non-Smokers		
		Male	Female	Overall	Male	Female	Overall
\$19,999 or less	N	5	4	9	9	4	13
	MEAN, GEO MEAN	5.916, 3.384	5.780, 4.538	5.855, 3.856	0.003, 0.003	0.009, 0.005	0.005, 0.003
	SD, SE	5.5693, 2.4907	4.3126, 2.1563	4.7421, 1.5807	0.0024, 0.0008	0.0132, 0.0066	0.0074, 0.0021
	MEDIAN	5.037	4.934	4.940	0.003	0.003	0.003
	MIN, MAX	0.463, 14.296	1.481, 11.770	0.463, 14.296	0.001, 0.009	0.002, 0.029	0.001, 0.029
	5%, 95%	0.463, 14.296	1.481, 11.770	0.463, 14.296	0.001, 0.009	0.002, 0.029	0.001, 0.029
\$20,000 to \$39,999	BLQ Values Included	0	0	0	1	2	3
	N	5	8	13	10	16	26
	MEAN, GEO MEAN	5.565, 1.960	10.249, 9.292	8.447, 5.107	0.004, 0.002	0.004, 0.003	0.004, 0.003
	SD, SE	6.9329, 3.1005	4.5575, 1.6113	5.8106, 1.6116	0.0059, 0.0019	0.0030, 0.0008	0.0042, 0.0008
	MEDIAN	2.867	9.668	7.635	0.002	0.004	0.003
	MIN, MAX	0.046, 17.626	4.614, 16.163	0.046, 17.626	0.001, 0.019	0.001, 0.010	0.001, 0.019
\$40,000 to \$49,999	5%, 95%	0.046, 17.626	4.614, 16.163	0.046, 17.626	0.001, 0.019	0.001, 0.010	0.001, 0.010
	BLQ Values Included	0	0	0	4	8	12
	N	5	8	13	6	9	15
	MEAN, GEO MEAN	6.573, 5.897	5.109, 3.967	5.672, 4.621	0.009, 0.004	0.002, 0.002	0.005, 0.003
	SD, SE	2.8584, 1.2783	4.0992, 1.4493	3.6160, 1.0029	0.0114, 0.0046	0.0011, 0.0004	0.0077, 0.0020
	MEDIAN	7.754	3.984	5.257	0.003	0.002	0.002
\$50,000 or more	MIN, MAX	2.290, 9.633	1.303, 13.978	1.303, 13.978	0.001, 0.026	0.001, 0.004	0.001, 0.026
	5%, 95%	2.290, 9.633	1.303, 13.978	1.303, 13.978	0.001, 0.026	0.001, 0.004	0.001, 0.026
	BLQ Values Included	0	0	0	0	5	5
	N	2	9	11	5	7	12
	MEAN, GEO MEAN	4.844, 4.835	8.066, 5.534	7.480, 5.400	0.012, 0.005	0.003, 0.003	0.007, 0.003
	SD, SE	0.4059, 0.2870	7.4986, 2.4995	6.8336, 2.0604	0.0212, 0.0095	0.0026, 0.0010	0.0137, 0.0040
	MEDIAN	4.844	4.748	4.748	0.002	0.002	0.002
	MIN, MAX	4.557, 5.131	1.148, 23.294	1.148, 23.294	0.002, 0.050	0.001, 0.008	0.001, 0.050
	5%, 95%	4.557, 5.131	1.148, 23.294	1.148, 23.294	0.002, 0.050	0.001, 0.008	0.001, 0.050
	BLQ Values Included	0	0	0	2	4	6

TABLE 14.4-11
DESCRIPTIVE STATISTICS OF 24-HOUR URINE BIOMARKERS OF EXPOSURE BY TIMEPOINT FOR DEMOGRAPHIC CHARACTERISTIC: ANNUAL HOUSEHOLD INCOME
(Page 76 of 7)

Lab: Harrogate
Biomarker: Total 3-hydroxycotinine (ug/mg Creatinin)
Timepoint: Overall^a

Characteristic	Statistic	Smokers			Non-Smokers		
		Male	Female	Overall	Male	Female	Overall
\$19,999 or less	N	5	5	10	9	4	13
	MEAN, GEO MEAN	6.438, 3.981	5.334, 4.270	5.886, 4.123	0.009, 0.005	0.009, 0.005	0.009, 0.005
	SD, SE	5.2042, 2.3274	3.9568, 1.7695	4.3971, 1.3905	0.0123, 0.0041	0.0117, 0.0059	0.0116, 0.0032
	MEDIAN	4.572	5.009	4.791	0.004	0.003	0.004
	MIN, MAX	0.424, 13.705	1.498, 11.846	0.424, 13.705	0.001, 0.039	0.002, 0.026	0.001, 0.039
	5%, 95%	0.424, 13.705	1.498, 11.846	0.424, 13.705	0.001, 0.039	0.002, 0.026	0.001, 0.039
\$20,000 to \$39,999	N	5	10	15	10	16	26
	MEAN, GEO MEAN	5.442, 2.106	9.341, 8.354	8.041, 5.277	0.007, 0.003	0.005, 0.003	0.006, 0.003
	SD, SE	6.3582, 2.8435	4.5593, 1.4418	5.3417, 1.3792	0.0140, 0.0044	0.0050, 0.0013	0.0093, 0.0018
	MEDIAN	3.090	8.317	7.825	0.002	0.004	0.003
	MIN, MAX	0.059, 16.414	3.242, 17.186	0.059, 17.186	0.001, 0.046	0.001, 0.021	0.001, 0.046
	5%, 95%	0.059, 16.414	3.242, 17.186	0.059, 17.186	0.001, 0.046	0.001, 0.021	0.001, 0.021
\$40,000 to \$49,999	N	5	8	13	6	9	15
	MEAN, GEO MEAN	5.921, 5.455	5.547, 4.040	5.691, 4.535	0.008, 0.004	0.002, 0.002	0.005, 0.003
	SD, SE	2.2354, 0.9997	4.4447, 1.5714	3.6367, 1.0086	0.0099, 0.0040	0.0013, 0.0004	0.0067, 0.0017
	MEDIAN	6.923	5.129	5.527	0.003	0.002	0.002
	MIN, MAX	2.361, 7.659	0.653, 15.060	0.653, 15.060	0.001, 0.022	0.001, 0.005	0.001, 0.022
	5%, 95%	2.361, 7.659	0.653, 15.060	0.653, 15.060	0.001, 0.022	0.001, 0.005	0.001, 0.022
\$50,000 or more	N	3	9	12	5	7	12
	MEAN, GEO MEAN	5.214, 3.120	7.277, 5.081	6.761, 5.091	0.010, 0.005	0.003, 0.003	0.006, 0.004
	SD, SE	1.1952, 0.6900	6.4985, 2.1662	5.6429, 1.6290	0.0162, 0.0073	0.0012, 0.0005	0.0104, 0.0030
	MEDIAN	5.287	4.535	4.911	0.003	0.003	0.003
	MIN, MAX	3.984, 6.371	0.914, 20.195	0.914, 20.195	0.002, 0.039	0.002, 0.005	0.002, 0.039
	5%, 95%	3.984, 6.371	0.914, 20.195	0.914, 20.195	0.002, 0.039	0.002, 0.005	0.002, 0.039

^a Overall values calculated by first averaging the results across visits within a subject, then calculating the descriptive statistics across subjects. Count of BLQ values does not apply as the BLQ values were converted to the upper limit of the BLQ (e.g., '<1.234' will be used as '1.234') for the averages across visits within a subject thus eliminating all BLQ values for the overall statistics.

TABLE 14.4-11
DESCRIPTIVE STATISTICS OF 24-HOUR URINE BIOMARKERS OF EXPOSURE BY TIMEPOINT FOR DEMOGRAPHIC CHARACTERISTIC: ANNUAL HOUSEHOLD INCOME
(Page 77 of 7)

Lab: Harrogate
Biomarker: Total 3-hydroxycotinine (nmol/mg Creatin)
Timepoint: Week 1

Characteristic	Statistic	Smokers			Non-Smokers		
		Male	Female	Overall	Male	Female	Overall
\$19,999 or less	N	5	5	10	9	4	13
	MEAN, GEO MEAN	34.564, 21.282	23.739, 17.272	29.152, 19.172	0.045, 0.022	0.040, 0.023	0.044, 0.023
	SD, SE	25.6060, 11.4514	20.1971, 9.0324	22.4779, 7.1081	0.0683, 0.0228	0.0499, 0.0250	0.0611, 0.0170
	MEDIAN	28.538	22.446	24.470	0.021	0.018	0.021
	MIN, MAX	1.925, 65.974	6.181, 56.125	1.925, 65.974	0.005, 0.219	0.010, 0.114	0.005, 0.219
	5%, 95%	1.925, 65.974	6.181, 56.125	1.925, 65.974	0.005, 0.219	0.010, 0.114	0.005, 0.219
	BLQ Values Included	0	0	0	2	1	3
\$20,000 to \$39,999	N	5	10	15	10	16	26
	MEAN, GEO MEAN	28.855, 11.721	44.406, 39.175	39.222, 26.201	0.020, NA	0.027, 0.013	0.025, NA
	SD, SE	32.2533, 14.4241	22.2508, 7.0363	25.9438, 6.6987	0.0333, 0.0105	0.0468, 0.0117	0.0416, 0.0082
	MEDIAN	17.851	42.059	36.530	0.008	0.010	0.010
	MIN, MAX	0.395, 83.232	14.834, 83.009	0.395, 83.232	0.000, 0.109	0.005, 0.193	0.000, 0.193
	5%, 95%	0.395, 83.232	14.834, 83.009	0.395, 83.232	0.000, 0.109	0.005, 0.193	0.005, 0.109
	BLQ Values Included	0	0	0	4	6	10
\$40,000 to \$49,999	N	5	8	13	6	9	15
	MEAN, GEO MEAN	31.575, 29.115	30.865, 18.111	31.138, 21.739	0.038, 0.018	0.012, 0.011	0.022, 0.014
	SD, SE	12.5099, 5.5946	28.5159, 10.0819	22.9486, 6.3648	0.0454, 0.0185	0.0040, 0.0013	0.0303, 0.0078
	MEDIAN	30.979	27.800	28.866	0.013	0.010	0.010
	MIN, MAX	13.335, 44.454	0.801, 94.856	0.801, 94.856	0.005, 0.104	0.005, 0.016	0.005, 0.104
	5%, 95%	13.335, 44.454	0.801, 94.856	0.801, 94.856	0.005, 0.104	0.005, 0.016	0.005, 0.104
	BLQ Values Included	0	0	0	1	7	8
\$50,000 or more	N	3	9	12	5	7	12
	MEAN, GEO MEAN	24.199, 22.891	35.615, 25.154	32.761, 24.568	0.067, 0.025	0.015, 0.014	0.037, 0.018
	SD, SE	9.1060, 5.2574	30.2763, 10.0921	26.6156, 7.6833	0.1144, 0.0511	0.0075, 0.0029	0.0742, 0.0214
	MEDIAN	26.369	25.146	25.758	0.010	0.010	0.010
	MIN, MAX	14.204, 32.024	3.517, 95.647	3.517, 95.647	0.010, 0.271	0.010, 0.026	0.010, 0.271
	5%, 95%	14.204, 32.024	3.517, 95.647	3.517, 95.647	0.010, 0.271	0.010, 0.026	0.010, 0.271
	BLQ Values Included	0	0	0	1	2	3

TABLE 14.4-11
DESCRIPTIVE STATISTICS OF 24-HOUR URINE BIOMARKERS OF EXPOSURE BY TIMEPOINT FOR DEMOGRAPHIC CHARACTERISTIC: ANNUAL HOUSEHOLD INCOME
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Lab: Harrogate
Biomarker: Total 3-hydroxycotinine (nmol/mg Creatin)
Timepoint: Week 2

Characteristic	Statistic	Smokers			Non-Smokers		
		Male	Female	Overall	Male	Female	Overall
\$19,999 or less	N	5	5	10	9	4	13
	MEAN, GEO MEAN	35.156, 21.840	32.326, 26.421	33.741, 24.021	0.073, 0.031	0.044, 0.022	0.064, 0.028
	SD, SE	27.9172, 12.4849	21.6814, 9.6962	23.6122, 7.4668	0.1182, 0.0394	0.0641, 0.0320	0.1026, 0.0285
	MEDIAN	24.543	30.032	27.589	0.026	0.013	0.021
	MIN, MAX	2.289, 73.560	8.226, 67.540	2.289, 73.560	0.005, 0.369	0.010, 0.140	0.005, 0.369
	5%, 95%	2.289, 73.560	8.226, 67.540	2.289, 73.560	0.005, 0.369	0.010, 0.140	0.005, 0.369
\$20,000 to \$39,999	BLQ Values Included	0	0	0	0	1	1
	N	5	9	14	10	16	26
	MEAN, GEO MEAN	27.134, 10.570	52.784, 46.028	43.624, 27.216	0.072, NA	0.030, 0.019	0.046, NA
	SD, SE	31.2627, 13.9811	29.4218, 9.8073	31.5612, 8.4351	0.1593, 0.0504	0.0324, 0.0081	0.1010, 0.0198
	MEDIAN	19.215	42.524	35.911	0.013	0.019	0.016
	MIN, MAX	0.281, 81.266	18.897, 104.185	0.281, 104.185	0.000, 0.515	0.005, 0.109	0.000, 0.515
\$40,000 to \$49,999	5%, 95%	0.281, 81.266	18.897, 104.185	0.281, 104.185	0.000, 0.515	0.005, 0.109	0.005, 0.114
	BLQ Values Included	0	0	0	1	5	6
	N	5	8	13	6	9	15
	MEAN, GEO MEAN	26.643, 24.772	29.142, 21.224	28.181, 22.524	0.045, 0.023	0.013, 0.009	0.025, 0.013
	SD, SE	9.9172, 4.4351	20.5354, 7.2603	16.7444, 4.6441	0.0528, 0.0216	0.0122, 0.0041	0.0367, 0.0095
	MEDIAN	25.333	28.086	27.274	0.018	0.010	0.010
\$50,000 or more	MIN, MAX	11.597, 35.812	2.617, 67.483	2.617, 67.483	0.005, 0.135	0.005, 0.042	0.005, 0.135
	5%, 95%	11.597, 35.812	2.617, 67.483	2.617, 67.483	0.005, 0.135	0.005, 0.042	0.005, 0.135
	BLQ Values Included	0	0	0	0	6	6
	N	3	9	12	5	7	12
	MEAN, GEO MEAN	29.336, 29.048	36.003, 24.837	34.336, 25.829	0.024, 0.013	0.017, 0.015	0.020, 0.014
	SD, SE	4.9986, 2.8860	32.3720, 10.7907	27.8528, 8.0404	0.0310, 0.0139	0.0099, 0.0037	0.0204, 0.0059
	MEDIAN	29.459	20.937	26.868	0.010	0.010	0.010
	MIN, MAX	24.277, 34.272	4.776, 98.378	4.776, 98.378	0.005, 0.078	0.010, 0.031	0.005, 0.078
	5%, 95%	24.277, 34.272	4.776, 98.378	4.776, 98.378	0.005, 0.078	0.010, 0.031	0.005, 0.078
	BLQ Values Included	0	0	0	1	2	3

TABLE 14.4-11
DESCRIPTIVE STATISTICS OF 24-HOUR URINE BIOMARKERS OF EXPOSURE BY TIMEPOINT FOR DEMOGRAPHIC CHARACTERISTIC: ANNUAL HOUSEHOLD INCOME
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Lab: Harrogate
Biomarker: Total 3-hydroxycotinine (nmol/mg Creatin)
Timepoint: Week 3

Characteristic	Statistic	Smokers			Non-Smokers		
		Male	Female	Overall	Male	Female	Overall
\$19,999 or less	N	5	4	9	9	4	13
	MEAN, GEO MEAN	30.780, 17.606	30.071, 23.614	30.465, 20.060	0.018, 0.015	0.048, 0.024	0.027, 0.017
	SD, SE	28.9769, 12.9589	22.4380, 11.2190	24.6733, 8.2244	0.0127, 0.0042	0.0689, 0.0344	0.0388, 0.0107
	MEDIAN	26.208	25.669	25.703	0.016	0.016	0.016
	MIN, MAX	2.409, 74.382	7.706, 61.239	2.409, 74.382	0.005, 0.047	0.010, 0.151	0.005, 0.151
	5%, 95%	2.409, 74.382	7.706, 61.239	2.409, 74.382	0.005, 0.047	0.010, 0.151	0.005, 0.151
	BLQ Values Included	0	0	0	1	2	3
\$20,000 to \$39,999	N	5	8	13	10	16	26
	MEAN, GEO MEAN	28.953, 10.194	53.324, 48.344	43.951, 26.567	0.022, 0.011	0.022, 0.017	0.022, 0.014
	SD, SE	36.0719, 16.1319	23.7124, 8.3836	30.2327, 8.3850	0.0308, 0.0098	0.0157, 0.0039	0.0222, 0.0043
	MEDIAN	14.917	50.303	39.725	0.008	0.021	0.013
	MIN, MAX	0.239, 91.708	24.007, 84.096	0.239, 91.708	0.005, 0.099	0.005, 0.052	0.005, 0.099
	5%, 95%	0.239, 91.708	24.007, 84.096	0.239, 91.708	0.005, 0.099	0.005, 0.052	0.005, 0.052
	BLQ Values Included	0	0	0	4	8	12
\$40,000 to \$49,999	N	5	8	13	6	9	15
	MEAN, GEO MEAN	34.200, 30.583	26.580, 20.642	29.511, 24.042	0.047, 0.020	0.011, 0.010	0.025, 0.013
	SD, SE	14.8719, 6.6509	21.3280, 7.5406	18.8139, 5.2180	0.0591, 0.0241	0.0057, 0.0019	0.0399, 0.0103
	MEDIAN	40.344	20.726	27.352	0.013	0.010	0.010
	MIN, MAX	11.915, 50.120	6.780, 72.728	6.780, 72.728	0.005, 0.135	0.005, 0.021	0.005, 0.135
	5%, 95%	11.915, 50.120	6.780, 72.728	6.780, 72.728	0.005, 0.135	0.005, 0.021	0.005, 0.135
	BLQ Values Included	0	0	0	0	5	5
\$50,000 or more	N	2	9	11	5	7	12
	MEAN, GEO MEAN	25.204, 25.159	41.966, 28.791	38.918, 28.094	0.063, 0.023	0.017, 0.013	0.036, 0.017
	SD, SE	2.1121, 1.4935	39.0154, 13.0051	35.5554, 10.7203	0.1102, 0.0493	0.0139, 0.0053	0.0714, 0.0206
	MEDIAN	25.204	24.704	24.704	0.010	0.010	0.010
	MIN, MAX	23.710, 26.697	5.973, 121.199	5.973, 121.199	0.010, 0.260	0.005, 0.042	0.005, 0.260
	5%, 95%	23.710, 26.697	5.973, 121.199	5.973, 121.199	0.010, 0.260	0.005, 0.042	0.005, 0.260
	BLQ Values Included	0	0	0	2	4	6

TABLE 14.4-11
DESCRIPTIVE STATISTICS OF 24-HOUR URINE BIOMARKERS OF EXPOSURE BY TIMEPOINT FOR DEMOGRAPHIC CHARACTERISTIC: ANNUAL HOUSEHOLD INCOME
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Lab: Harrogate
Biomarker: Total 3-hydroxycotinine (nmol/mg Creatin)
Timepoint: Overall*

Characteristic	Statistic	Smokers			Non-Smokers		
		Male	Female	Overall	Male	Female	Overall
\$19,999 or less	N	5	5	10	9	4	13
	MEAN, GEO MEAN	33.500, 20.720	27.752, 22.217	30.626, 21.455	0.045, 0.025	0.044, 0.023	0.045, 0.024
	SD, SE	27.0759, 12.1087	20.5875, 9.2070	22.8775, 7.2345	0.0637, 0.0212	0.0609, 0.0304	0.0603, 0.0167
	MEDIAN	23.790	26.060	24.925	0.021	0.016	0.021
	MIN, MAX	2.208, 71.305	7.794, 61.635	2.208, 71.305	0.005, 0.203	0.010, 0.135	0.005, 0.203
	5%, 95%	2.208, 71.305	7.794, 61.635	2.208, 71.305	0.005, 0.203	0.010, 0.135	0.005, 0.203
\$20,000 to \$39,999	N	5	10	15	10	16	26
	MEAN, GEO MEAN	28.314, 10.941	48.601, 43.465	41.839, 27.444	0.038, 0.014	0.027, 0.018	0.031, 0.017
	SD, SE	33.0824, 14.7949	23.7216, 7.5014	27.7928, 7.1761	0.0732, 0.0232	0.0265, 0.0066	0.0488, 0.0096
	MEDIAN	16.077	43.271	40.715	0.012	0.018	0.014
	MIN, MAX	0.305, 85.402	16.866, 89.417	0.305, 89.417	0.003, 0.241	0.005, 0.111	0.003, 0.241
	5%, 95%	0.305, 85.402	16.866, 89.417	0.305, 89.417	0.003, 0.241	0.005, 0.111	0.005, 0.111
\$40,000 to \$49,999	N	5	8	13	6	9	15
	MEAN, GEO MEAN	30.806, 28.384	28.863, 21.024	29.610, 23.597	0.043, 0.021	0.012, 0.011	0.024, 0.014
	SD, SE	11.6319, 5.2019	23.1245, 8.1757	18.9209, 5.2477	0.0513, 0.0209	0.0065, 0.0022	0.0348, 0.0090
	MEDIAN	36.020	26.684	28.755	0.013	0.010	0.010
	MIN, MAX	12.282, 39.849	3.399, 78.356	3.399, 78.356	0.005, 0.116	0.005, 0.025	0.005, 0.116
	5%, 95%	12.282, 39.849	3.399, 78.356	3.399, 78.356	0.005, 0.116	0.005, 0.025	0.005, 0.116
\$50,000 or more	N	3	9	12	5	7	12
	MEAN, GEO MEAN	27.129, 26.638	37.861, 26.436	35.178, 26.487	0.051, 0.022	0.016, 0.015	0.031, 0.017
	SD, SE	6.2177, 3.5898	33.8116, 11.2705	29.3602, 8.4756	0.0849, 0.0380	0.0070, 0.0027	0.0546, 0.0157
	MEDIAN	27.508	23.596	25.552	0.014	0.017	0.016
	MIN, MAX	20.730, 33.148	4.755, 105.075	4.755, 105.075	0.008, 0.203	0.008, 0.026	0.008, 0.203
	5%, 95%	20.730, 33.148	4.755, 105.075	4.755, 105.075	0.008, 0.203	0.008, 0.026	0.008, 0.203

* Overall values calculated by first averaging the results across visits within a subject, then calculating the descriptive statistics across subjects. Count of BLQ values does not apply as the BLQ values were converted to the upper limit of the BLQ (e.g., '<1.234' will be used as '1.234') for the averages across visits within a subject thus eliminating all BLQ values for the overall statistics.

TABLE 14.4-11
DESCRIPTIVE STATISTICS OF 24-HOUR URINE BIOMARKERS OF EXPOSURE BY TIMEPOINT FOR DEMOGRAPHIC CHARACTERISTIC: ANNUAL HOUSEHOLD INCOME
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Lab: Harrogate
Biomarker: Free 3-hydroxycotinine (ug/24hr)
Timepoint: Week 1

Characteristic	Statistic	Smokers			Non-Smokers		
		Male	Female	Overall	Male	Female	Overall
\$19,999 or less	N	5	5	10	9	4	13
	MEAN, GEO MEAN	7113.140, 4104.860	4265.210, 3387.160	5689.170, 3728.780	10.813, 5.695	5.586, 4.066	9.204, 5.134
	SD, SE	7833.5300, 3503.2600	2715.0800, 1214.2200	5727.3300, 1811.1400	14.0916, 4.6972	5.6372, 2.8186	12.1091, 3.3585
	MEDIAN	3905.430	5272.340	4588.880	7.800	3.235	3.645
	MIN, MAX	645.000, 20367.215	1224.380, 7341.439	645.000, 20367.215	0.950, 46.035	1.900, 13.974	0.950, 46.035
	5%, 95%	645.000, 20367.200	1224.380, 7341.440	645.000, 20367.200	0.950, 46.035	1.900, 13.974	0.950, 46.035
	BLQ Values Included	0	0	0	2	2	4
\$20,000 to \$39,999	N	5	10	15	10	16	26
	MEAN, GEO MEAN	4392.610, 1809.380	7225.950, 5552.910	6281.510, 3821.120	6.414, 2.903	4.849, 2.935	5.450, 2.923
	SD, SE	3919.1400, 1752.6900	5708.4200, 1805.1600	5219.9700, 1347.7900	11.8636, 3.7516	6.3998, 1.5999	8.7089, 1.7080
	MEDIAN	3507.230	4946.130	3604.060	2.197	2.722	2.397
	MIN, MAX	42.441, 10146.501	2280.780, 18150.580	42.441, 18150.580	1.030, 39.520	0.855, 25.488	0.855, 39.520
	5%, 95%	42.441, 10146.500	2280.780, 18150.600	42.441, 18150.600	1.030, 39.520	0.855, 25.488	1.030, 25.488
	BLQ Values Included	0	0	0	4	6	10
\$40,000 to \$49,999	N	5	8	13	6	9	15
	MEAN, GEO MEAN	6749.170, 5838.340	5001.340, 3426.400	5673.580, 4205.890	9.930, 5.535	2.230, 1.963	5.310, 2.972
	SD, SE	3219.9200, 1439.9900	2655.9100, 939.0070	2890.3400, 801.6350	11.7135, 4.7820	1.2519, 0.4173	8.0712, 2.0840
	MEDIAN	6974.390	5539.210	6192.810	4.045	1.980	2.080
	MIN, MAX	1813.860, 10583.695	143.550, 8571.806	143.550, 10583.695	1.680, 30.820	0.880, 5.016	0.880, 30.820
	5%, 95%	1813.860, 10583.700	143.550, 8571.810	143.550, 10583.700	1.680, 30.820	0.880, 5.016	0.880, 30.820
	BLQ Values Included	0	0	0	0	5	5
\$50,000 or more	N	3	9	12	5	7	12
	MEAN, GEO MEAN	4714.000, 3723.780	5362.080, 4152.090	5200.060, 4040.600	17.748, 6.905	3.475, 3.181	9.422, 4.394
	SD, SE	3305.7900, 1908.6000	3780.0900, 1260.0300	3530.5700, 1019.1900	28.3935, 12.6980	1.5993, 0.6045	18.6702, 5.3896
	MEDIAN	4850.870	3676.340	4268.610	3.552	3.350	3.451
	MIN, MAX	1337.220, 7943.901	935.760, 11844.000	935.760, 11844.000	2.040, 67.936	1.570, 6.475	1.570, 67.936
	5%, 95%	1337.220, 7943.900	935.760, 11844.000	935.760, 11844.000	2.040, 67.936	1.570, 6.475	1.570, 67.936
	BLQ Values Included	0	0	0	1	3	4

TABLE 14.4-11
DESCRIPTIVE STATISTICS OF 24-HOUR URINE BIOMARKERS OF EXPOSURE BY TIMEPOINT FOR DEMOGRAPHIC CHARACTERISTIC: ANNUAL HOUSEHOLD INCOME
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Lab: Harrogate
Biomarker: Free 3-hydroxycodinine (ug/24hr)
Timepoint: Week 2

Characteristic	Statistic	Smokers			Non-Smokers		
		Male	Female	Overall	Male	Female	Overall
\$19,999 or less	N	5	5	10	9	4	13
	MEAN, GEO MEAN	6487.070, 4160.000	5848.640, 5057.480	6167.860, 4586.840	15.157, 7.321	5.261, 3.747	12.112, 5.958
	SD, SE	6274.0500, 2805.8400	2682.6500, 1199.7200	4561.4300, 1442.4500	19.8021, 6.6007	5.6065, 2.8033	17.0845, 4.7384
	MEDIAN	5058.890	6880.830	5861.280	6.050	2.607	3.915
	MIN, MAX	722.866, 16978.770	1530.080, 8132.485	722.866, 16978.770	1.023, 60.135	2.178, 13.650	1.023, 60.135
	5%, 95%	722.866, 16978.800	1530.080, 8132.490	722.866, 16978.800	1.023, 60.135	2.178, 13.650	1.023, 60.135
\$20,000 to \$39,999	BLQ Values Included	0	0	0	1	1	2
	N	5	9	14	10	16	26
	MEAN, GEO MEAN	3910.710, 1569.370	10397.000, 9418.550	8080.480, 4966.310	19.424, 3.902	5.458, 3.876	10.829, 3.886
	SD, SE	3113.1500, 1392.2400	4582.5900, 1527.5300	5129.1100, 1370.8100	47.2827, 14.9521	5.3420, 1.3355	29.4953, 5.7845
	MEDIAN	3464.000	8926.370	7813.520	2.303	2.948	2.900
	MIN, MAX	24.210, 8589.250	3473.085, 18154.368	24.210, 18154.368	0.875, 152.550	1.240, 20.909	0.875, 152.550
\$40,000 to \$49,999	5%, 95%	24.210, 8589.250	3473.090, 18154.400	24.210, 18154.400	0.875, 152.550	1.240, 20.909	0.902, 23.980
	BLQ Values Included	0	0	0	1	6	7
	N	5	8	13	6	9	15
	MEAN, GEO MEAN	6553.350, 5730.100	5901.980, 3960.730	6152.510, 4565.230	11.751, 7.112	2.892, 2.255	6.436, 3.570
	SD, SE	3122.8300, 1396.5700	4370.5700, 1545.2300	3808.1800, 1056.2000	12.1653, 4.9665	2.3681, 0.7894	8.7317, 2.2545
	MEDIAN	6389.210	6024.880	6292.500	6.297	2.210	2.755
\$50,000 or more	MIN, MAX	1965.425, 9478.326	400.405, 12642.695	400.405, 12642.695	2.299, 31.960	0.750, 8.253	0.750, 31.960
	5%, 95%	1965.430, 9478.330	400.405, 12642.700	400.405, 12642.700	2.299, 31.960	0.750, 8.253	0.750, 31.960
	BLQ Values Included	0	0	0	0	5	5
	N	3	9	12	5	7	12
	MEAN, GEO MEAN	7108.940, 6940.270	5340.400, 4149.420	5782.530, 4718.840	8.636, 4.937	3.637, 3.175	5.720, 3.817
	SD, SE	1795.7000, 1036.7500	3752.3000, 1250.7700	3386.1300, 977.4920	10.9212, 4.8841	2.2707, 0.8583	7.2670, 2.0978
	MEDIAN	7893.920	4304.920	4727.660	3.190	2.480	2.690
	MIN, MAX	5054.400, 8378.497	884.631, 11402.880	884.631, 11402.880	1.680, 27.606	1.965, 7.950	1.680, 27.606
	5%, 95%	5054.400, 8378.500	884.631, 11402.900	884.631, 11402.900	1.680, 27.606	1.965, 7.950	1.680, 27.606
	BLQ Values Included	0	0	0	1	3	4

TABLE 14.4-11
DESCRIPTIVE STATISTICS OF 24-HOUR URINE BIOMARKERS OF EXPOSURE BY TIMEPOINT FOR DEMOGRAPHIC CHARACTERISTIC: ANNUAL HOUSEHOLD INCOME
(Page 83 of ?)

Lab: Harrogate
Biomarker: Free 3-hydroxycotinine (ug/24hr)
Timepoint: Week 3

Characteristic	Statistic	Smokers			Non-Smokers		
		Male	Female	Overall	Male	Female	Overall
\$19,999 or less	N	5	4	9	9	4	13
	MEAN, GEO MEAN	5355.390, 3523.190	5545.230, 4551.610	5439.760, 3947.950	5.128, 4.168	6.284, 4.331	5.484, 4.218
	SD, SE	5284.4600, 2363.2800	3041.3300, 1520.6600	4176.2900, 1392.1000	4.1674, 1.3891	7.0358, 3.5179	4.9257, 1.3661
	MEDIAN	4044.570	6243.800	5181.740	4.425	2.956	3.042
	MIN, MAX	720.820, 14320.538	1337.700, 8355.620	720.820, 14320.538	1.859, 15.563	2.395, 16.830	1.859, 16.830
	5%, 95%	720.820, 14320.500	1337.700, 8355.620	720.820, 14320.500	1.859, 15.563	2.395, 16.830	1.859, 16.830
	BLQ Values Included	0	0	0	1	2	3
\$20,000 to \$39,999	N	5	8	13	10	16	26
	MEAN, GEO MEAN	4950.250, 1446.460	8167.110, 7448.140	6929.860, 3965.530	7.221, 3.620	3.540, 2.709	4.956, 3.029
	SD, SE	6001.3200, 2683.8700	3763.3600, 1330.5500	4787.5200, 1327.8200	11.6271, 3.6768	2.9422, 0.7356	7.5629, 1.4832
	MEDIAN	3756.290	6525.440	5013.590	2.321	2.828	2.483
	MIN, MAX	21.379, 15121.480	4426.569, 13029.434	21.379, 15121.480	1.430, 38.750	0.990, 9.805	0.990, 38.750
	5%, 95%	21.379, 15121.500	4426.570, 13029.400	21.379, 15121.500	1.430, 38.750	0.990, 9.805	1.068, 12.825
	BLQ Values Included	0	0	0	4	10	14
\$40,000 to \$49,999	N	5	8	13	6	9	15
	MEAN, GEO MEAN	8922.860, 7773.510	5209.640, 3772.180	6637.800, 4981.630	13.569, 6.880	2.652, 2.396	7.019, 3.653
	SD, SE	4587.7400, 2051.7000	4250.1700, 1502.6600	4592.2200, 1273.6500	16.0693, 6.5603	1.2735, 0.4245	11.1265, 2.8729
	MEDIAN	9258.340	4172.120	5822.770	4.049	2.270	2.886
	MIN, MAX	3009.550, 14222.565	976.686, 13569.448	976.686, 14222.565	2.100, 36.722	1.260, 4.740	1.260, 36.722
	5%, 95%	3009.550, 14222.600	976.686, 13569.400	976.686, 14222.600	2.100, 36.722	1.260, 4.740	1.260, 36.722
	BLQ Values Included	0	0	0	1	6	7
\$50,000 or more	N	2	9	11	5	7	12
	MEAN, GEO MEAN	4148.880, 4044.970	5580.640, 4546.090	5320.320, 4450.570	18.457, 7.274	4.075, 3.268	10.068, 4.561
	SD, SE	1304.9500, 922.7360	3626.4100, 1208.8000	3320.6000, 1001.2000	30.4944, 13.6375	3.2701, 1.2360	19.9705, 5.7650
	MEDIAN	4148.880	4412.210	4412.210	6.360	2.650	2.900
	MIN, MAX	3226.146, 5071.617	1154.784, 11844.600	1154.784, 11844.600	1.800, 72.800	1.610, 10.528	1.610, 72.800
	5%, 95%	3226.150, 5071.620	1154.780, 11844.600	1154.780, 11844.600	1.800, 72.800	1.610, 10.528	1.610, 72.800
	BLQ Values Included	0	0	0	2	5	7

TABLE 14.4-11
DESCRIPTIVE STATISTICS OF 24-HOUR URINE BIOMARKERS OF EXPOSURE BY TIMEPOINT FOR DEMOGRAPHIC CHARACTERISTIC: ANNUAL HOUSEHOLD INCOME
(Page 84 of ?)

Lair Harrogate
Biomarker: Free 3-hydroxycotinine (ug/24hr)
Timepoint: Overall*

Characteristic	Statistic	Smokers			Non-Smokers		
		Male	Female	Overall	Male	Female	Overall
\$19,999 or less	N	5	5	10	9	4	13
	MEAN, GEO MEAN	6318.540, 4045.290	5071.750, 4294.820	5695.140, 4168.190	10.366, 6.492	5.711, 4.062	8.933, 5.620
	SD, SE	6339.5600, 2844.0800	2653.2300, 1186.5600	4640.6500, 1467.5000	11.6382, 3.8794	6.0876, 3.0438	10.2257, 2.8361
	MEDIAN	4397.350	6083.410	5010.280	6.557	2.933	5.785
	MIN, MAX	696.229, 17222.200	1364.050, 7780.560	696.229, 17222.200	1.374, 36.865	2.158, 14.818	1.374, 36.865
	5%, 95%	696.229, 17222.200	1364.050, 7780.560	696.229, 17222.200	1.374, 36.865	2.158, 14.818	1.374, 36.865
\$20,000 to \$39,999	N	5	10	15	10	16	26
	MEAN, GEO MEAN	4417.850, 1653.460	7956.390, 6733.780	6776.870, 4216.680	11.019, 3.882	4.615, 3.500	7.078, 3.642
	SD, SE	4286.9200, 1917.1700	4557.0900, 1441.0800	4645.6800, 1199.5100	23.4195, 7.4059	3.6469, 0.9117	14.6808, 2.8791
	MEDIAN	3575.840	6807.410	5434.430	2.382	2.904	2.609
	MIN, MAX	29.343, 11285.700	2280.780, 16339.400	29.343, 16339.400	1.277, 76.940	1.303, 13.701	1.277, 76.940
	5%, 95%	29.343, 11285.700	2280.780, 16339.400	29.343, 16339.400	1.277, 76.940	1.303, 13.701	1.303, 13.701
\$40,000 to \$49,999	N	5	8	13	6	9	15
	MEAN, GEO MEAN	7408.460, 6518.360	5370.990, 3955.420	6154.630, 4793.290	11.750, 6.840	2.591, 2.243	6.255, 3.504
	SD, SE	3403.8200, 1522.2300	3591.9800, 1269.9600	3528.8500, 978.7270	13.1350, 5.3624	1.5200, 0.5067	9.1929, 2.3736
	MEDIAN	7942.890	5299.890	5969.080	4.323	2.150	2.883
	MIN, MAX	2262.950, 10787.700	506.880, 11163.800	506.880, 11163.800	2.356, 33.167	1.038, 5.298	1.038, 33.167
	5%, 95%	2262.950, 10787.700	506.880, 11163.800	506.880, 11163.800	2.356, 33.167	1.038, 5.298	1.038, 33.167
\$50,000 or more	N	3	9	12	5	7	12
	MEAN, GEO MEAN	5742.830, 5550.320	5427.700, 4340.180	5506.490, 4615.410	14.947, 6.695	3.729, 3.487	8.403, 4.576
	SD, SE	1904.4000, 1099.5100	3640.7400, 1213.5800	3212.4300, 927.3480	23.1757, 10.3645	1.5125, 0.5717	15.1634, 4.3773
	MEDIAN	4929.110	4333.240	4598.540	4.439	3.182	3.646
	MIN, MAX	4380.470, 7918.910	991.725, 11242.800	991.725, 11242.800	1.840, 56.114	1.960, 6.468	1.840, 56.114
	5%, 95%	4380.470, 7918.910	991.725, 11242.800	991.725, 11242.800	1.840, 56.114	1.960, 6.468	1.840, 56.114

* Overall values calculated by first averaging the results across visits within a subject, then calculating the descriptive statistics across subjects. Count of BLQ values does not apply as the BLQ values were converted to the upper limit of the BLQ (e.g., '<1.234' will be used as '1.234') for the averages across visits within a subject thus eliminating all BLQ values for the overall statistics.

TABLE 14.4-11
DESCRIPTIVE STATISTICS OF 24-HOUR URINE BIOMARKERS OF EXPOSURE BY TIMEPOINT FOR DEMOGRAPHIC CHARACTERISTIC: ANNUAL HOUSEHOLD INCOME
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Lab: Harrogate
Biomarker: Free 3-hydroxycotinine (nmol/24hr)
Timepoint: Week 1

Characteristic	Statistic	Smokers			Non-Smokers		
		Male	Female	Overall	Male	Female	Overall
\$19,999 or less	N	5	5	10	9	4	13
	MEAN, GEO MEAN	37009.700, 21357.600	22191.900, 17623.400	29600.800, 19400.900	56.258, 29.629	29.064, 21.157	47.891, 26.712
	SD, SE	40757.9000, 18227.5000	14126.5000, 6317.5800	29799.3000, 9423.3600	73.3186, 24.4395	29.3308, 14.6654	63.0038, 17.4741
	MEDIAN	20320.000	27432.000	23876.000	40.583	16.832	18.965
	MIN, MAX	3355.935, 105970.620	6370.449, 38197.507	3355.935, 105970.620	4.943, 239.520	9.886, 72.707	4.943, 239.520
	5%, 95%	3355.940, 105971.000	6370.450, 38197.500	3355.940, 105971.000	4.943, 239.520	9.886, 72.707	4.943, 239.520
\$20,000 to \$39,999	BLQ Values Included	0	0	0	2	2	4
	N	5	10	15	10	16	26
	MEAN, GEO MEAN	22854.700, 9414.230	37596.600, 28891.800	32682.700, 19881.300	33.370, 15.105	25.227, 15.271	28.359, 15.207
	SD, SE	20391.3000, 9119.2600	29700.9000, 9392.2600	27159.5000, 7012.5500	61.7264, 19.5196	33.2981, 8.3245	45.3126, 8.8865
	MEDIAN	18248.100	25734.700	18751.900	11.429	14.160	12.472
	MIN, MAX	220.821, 52792.245	11866.895, 94437.468	220.821, 94437.468	5.359, 205.623	4.449, 132.614	4.449, 205.623
\$40,000 to \$49,999	5%, 95%	220.821, 52792.200	11866.900, 94437.500	220.821, 94437.500	5.359, 205.623	4.449, 132.614	5.359, 132.614
	BLQ Values Included	0	0	0	4	6	10
	N	5	8	13	6	9	15
	MEAN, GEO MEAN	35116.000, 30376.900	26021.900, 17827.600	29519.600, 21883.200	51.663, 28.796	11.600, 10.214	27.625, 15.462
	SD, SE	16753.3000, 7492.2800	13818.7000, 4885.6500	15038.4000, 4170.9100	60.9454, 24.8809	6.5135, 2.1712	41.9942, 10.8429
	MEDIAN	36287.700	28820.500	32221.200	21.044	10.302	10.822
\$50,000 or more	MIN, MAX	9437.514, 55066.965	746.891, 44599.107	746.891, 55066.965	8.741, 160.356	4.579, 26.098	4.579, 160.356
	5%, 95%	9437.510, 55067.000	746.891, 44599.100	746.891, 55067.000	8.741, 160.356	4.579, 26.098	4.579, 160.356
	BLQ Values Included	0	0	0	0	5	5
	N	3	9	12	5	7	12
	MEAN, GEO MEAN	24526.900, 19374.800	27898.900, 21603.300	27055.900, 21023.200	92.345, 35.924	18.079, 16.553	49.023, 22.861
	SD, SE	17200.0000, 9930.4300	19667.8000, 6555.9300	18369.6000, 5302.8300	147.7310, 66.0675	8.3211, 3.1451	97.1411, 28.0422
	MEDIAN	25291.100	19128.000	22209.600	18.481	17.430	17.956
	MIN, MAX	6957.556, 41332.117	4868.759, 61624.332	4868.759, 61624.332	10.614, 353.471	8.169, 33.689	8.169, 353.471
	5%, 95%	6957.560, 41332.100	4868.760, 61624.300	4868.760, 61624.300	10.614, 353.471	8.169, 33.689	8.169, 353.471
	BLQ Values Included	0	0	0	1	3	4

TABLE 14.4-11
DESCRIPTIVE STATISTICS OF 24-HOUR URINE BIOMARKERS OF EXPOSURE BY TIMEPOINT FOR DEMOGRAPHIC CHARACTERISTIC: ANNUAL HOUSEHOLD INCOME
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Lab: Harrogate
Biomarker: Free 3-hydroxycotinine (nmol/24hr)
Timepoint: Week 2

Characteristic	Statistic	Smokers			Non-Smokers		
		Male	Female	Overall	Male	Female	Overall
\$19,999 or less	N	5	5	10	9	4	13
	MEAN, GEO MEAN	33752.200, 21644.500	30430.500, 26314.100	32091.400, 23865.300	78.864, 38.093	27.371, 19.496	63.020, 30.998
	SD, SE	32643.9000, 14598.8000	13957.8000, 6242.1300	23733.1000, 7505.0800	103.0300, 34.3435	29.1706, 14.5853	88.8903, 24.6537
	MEDIAN	26321.400	35801.000	30496.300	31.478	13.565	20.370
	MIN, MAX	3761.072, 88340.540	7961.006, 42313.319	3761.072, 88340.540	5.323, 312.882	11.332, 71.021	5.323, 312.882
	5%, 95%	3761.070, 88340.500	7961.010, 42313.300	3761.070, 88340.500	5.323, 312.882	11.332, 71.021	5.323, 312.882
	BLQ Values Included	0	0	0	1	1	2
\$20,000 to \$39,999	N	5	9	14	10	16	26
	MEAN, GEO MEAN	20347.400, 8165.420	54095.700, 49004.700	42042.800, 25839.700	101.061, 20.303	28.396, 20.168	56.344, 20.220
	SD, SE	16197.7000, 7243.8500	23843.2000, 7947.7400	26686.7000, 7132.3300	246.0120, 77.7959	27.7946, 6.9486	153.4640, 30.0968
	MEDIAN	18023.200	46443.900	40653.700	11.983	15.336	15.089
	MIN, MAX	125.965, 44689.868	18070.461, 94457.177	125.965, 94457.177	4.553, 793.718	6.452, 108.790	4.553, 793.718
	5%, 95%	125.965, 44689.900	18070.500, 94457.200	125.965, 94457.200	4.553, 793.718	6.452, 108.790	4.693, 124.768
	BLQ Values Included	0	0	0	1	6	7
\$40,000 to \$49,999	N	5	8	13	6	9	15
	MEAN, GEO MEAN	34097.100, 29813.700	30708.000, 20607.700	32011.500, 23752.900	61.142, 37.006	15.048, 11.732	33.485, 18.575
	SD, SE	16248.1000, 7266.3500	22740.1000, 8039.8400	19814.0000, 5495.4100	63.2964, 25.8406	12.3212, 4.1071	45.4309, 11.7302
	MEDIAN	33243.100	31347.400	32739.900	32.763	11.499	14.334
	MIN, MAX	10226.106, 49315.730	2083.307, 65779.942	2083.307, 65779.942	11.962, 166.288	3.902, 42.940	3.902, 166.288
	5%, 95%	10226.100, 49315.700	2083.310, 65779.900	2083.310, 65779.900	11.962, 166.288	3.902, 42.940	3.902, 166.288
	BLQ Values Included	0	0	0	0	5	5
\$50,000 or more	N	3	9	12	5	7	12
	MEAN, GEO MEAN	36987.800, 36110.200	27786.100, 21589.400	30086.500, 24552.100	44.933, 25.690	18.925, 16.522	29.762, 19.858
	SD, SE	9343.0500, 5394.2100	19523.2000, 6507.7400	17618.0000, 5085.8900	56.8231, 25.4121	11.8147, 4.4655	37.8105, 10.9149
	MEDIAN	41072.100	22398.500	24598.000	16.598	12.903	13.996
	MIN, MAX	26298.043, 43593.320	4602.735, 59329.185	4602.735, 59329.185	8.741, 143.634	10.224, 41.364	8.741, 143.634
	5%, 95%	26298.000, 43593.300	4602.740, 59329.200	4602.740, 59329.200	8.741, 143.634	10.224, 41.364	8.741, 143.634
	BLQ Values Included	0	0	0	1	3	4

TABLE 14.4-11
DESCRIPTIVE STATISTICS OF 24-HOUR URINE BIOMARKERS OF EXPOSURE BY TIMEPOINT FOR DEMOGRAPHIC CHARACTERISTIC: ANNUAL HOUSEHOLD INCOME
(Page 87 of 7)

Lab: Harrogate
Biomarker: Free 3-hydroxycotinine (nmol/24hr)
Timepoint: Week 3

Characteristic	Statistic	Smokers			Non-Smokers		
		Male	Female	Overall	Male	Female	Overall
\$19,999 or less	N	5	4	9	9	4	13
	MEAN, GEO MEAN	27864.100, 18331.200	28851.800, 23682.000	28303.100, 20541.200	26.679, 21.687	32.697, 22.535	28.531, 21.945
	SD, SE	27495.0000, 12296.1000	15824.0000, 7912.0100	21729.2000, 7243.0700	21.6827, 7.2276	36.6070, 18.3035	25.6282, 7.1080
	MEDIAN	21043.900	32486.500	26960.600	23.023	15.381	15.828
	MIN, MAX	3750.426, 74509.759	6960.053, 43474.291	3750.426, 74509.759	9.672, 80.974	12.461, 87.566	9.672, 87.566
	5%, 95%	3750.430, 74509.800	6960.050, 43474.300	3750.430, 74509.800	9.672, 80.974	12.461, 87.566	9.672, 87.566
	BLQ Values Included	0	0	0	1	2	3
\$20,000 to \$39,999	N	5	8	13	10	16	26
	MEAN, GEO MEAN	25756.200, 7525.920	42493.500, 38752.700	36056.100, 20632.600	37.569, 18.833	18.419, 14.096	25.784, 15.757
	SD, SE	31224.8000, 13964.2000	19580.8000, 6922.8400	24909.4000, 6908.6400	60.4958, 19.1305	15.3083, 3.8271	39.3496, 7.7171
	MEDIAN	19544.000	33951.900	26085.700	12.074	14.714	12.920
	MIN, MAX	111.235, 78677.060	23031.439, 67792.145	111.235, 78677.060	7.440, 201.616	5.151, 51.015	5.151, 201.616
	5%, 95%	111.235, 78677.100	23031.400, 67792.100	111.235, 78677.100	7.440, 201.616	5.151, 51.015	5.557, 66.728
	BLQ Values Included	0	0	0	4	10	14
\$40,000 to \$49,999	N	5	8	13	6	9	15
	MEAN, GEO MEAN	46425.600, 40445.600	27105.800, 19626.700	34536.500, 25919.400	70.601, 35.794	13.797, 12.465	36.518, 19.008
	SD, SE	23870.0000, 10675.0000	22113.6000, 7818.3400	23893.3000, 6626.8100	83.6088, 34.1332	6.6258, 2.2086	57.8914, 14.9475
	MEDIAN	48171.100	21707.600	30295.900	21.067	11.811	15.016
	MIN, MAX	15658.689, 74000.006	5081.697, 70601.838	5081.697, 74000.006	10.926, 191.065	6.556, 24.662	6.556, 191.065
	5%, 95%	15658.700, 74000.000	5081.700, 70601.800	5081.700, 74000.000	10.926, 191.065	6.556, 24.662	6.556, 191.065
	BLQ Values Included	0	0	0	1	6	7
\$50,000 or more	N	2	9	11	5	7	12
	MEAN, GEO MEAN	21586.600, 21046.000	29036.100, 23653.300	27681.600, 23156.300	96.031, 37.845	21.204, 17.005	52.382, 23.733
	SD, SE	6789.6300, 4800.9900	18868.2000, 6289.4000	17277.1000, 5209.2400	158.6620, 70.9559	17.0139, 6.4307	103.9060, 29.9952
	MEDIAN	21586.600	22956.700	22956.700	33.091	13.788	15.089
	MIN, MAX	16785.638, 26387.623	6008.341, 61627.454	6008.341, 61627.454	9.365, 378.778	8.377, 54.777	8.377, 378.778
	5%, 95%	16785.600, 26387.600	6008.340, 61627.500	6008.340, 61627.500	9.365, 378.778	8.377, 54.777	8.377, 378.778
	BLQ Values Included	0	0	0	2	5	7

TABLE 14.4-11
DESCRIPTIVE STATISTICS OF 24-HOUR URINE BIOMARKERS OF EXPOSURE BY TIMEPOINT FOR DEMOGRAPHIC CHARACTERISTIC: ANNUAL HOUSEHOLD INCOME
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Lab: Harrogate
Biomarker: Free 3-hydroxycotinine (nmol/24hr)
Timepoint: Overall*

Characteristic	Statistic	Smokers			Non-Smokers		
		Male	Female	Overall	Male	Female	Overall
\$19,999 or less	N	5	5	10	9	4	13
	MEAN, GEO MEAN	32875.300, 21047.700	26388.300, 22346.000	29631.800, 21687.100	53.934, 33.779	29.711, 21.132	46.481, 29.239
	SD, SE	33088.7000, 14797.7000	13804.7000, 6173.6700	24145.3000, 7635.4000	60.5531, 20.1844	31.6746, 15.8373	53.2041, 14.7562
	MEDIAN	22879.400	31652.000	26068.500	34.114	15.259	30.099
	MIN, MAX	3622.480, 89607.000	7097.170, 40482.300	3622.480, 89607.000	7.151, 191.808	11.226, 77.098	7.151, 191.808
	5%, 95%	3622.480, 89607.000	7097.170, 40482.300	3622.480, 89607.000	7.151, 191.808	11.226, 77.098	7.151, 191.808
\$20,000 to \$39,999	N	5	10	15	10	16	26
	MEAN, GEO MEAN	22986.100, 8602.980	41397.100, 35035.900	35260.100, 21939.400	57.333, 20.196	24.014, 18.213	36.829, 18.951
	SD, SE	22304.9000, 9975.0700	23710.6000, 7497.9500	24171.5000, 6241.0600	121.8520, 38.5331	18.9745, 4.7436	76.3843, 14.9802
	MEDIAN	18605.100	35419.000	28275.300	12.390	15.109	13.575
	MIN, MAX	152.674, 58719.700	11866.900, 85014.100	152.674, 85014.100	6.643, 400.319	6.778, 71.284	6.643, 400.319
	5%, 95%	152.674, 58719.700	11866.900, 85014.100	152.674, 85014.100	6.643, 400.319	6.778, 71.284	6.778, 71.284
\$40,000 to \$49,999	N	5	8	13	6	9	15
	MEAN, GEO MEAN	38546.200, 33915.000	27945.200, 20580.100	32022.500, 24939.500	61.136, 35.585	13.482, 11.674	32.543, 18.232
	SD, SE	17710.1000, 7920.1900	18689.0000, 6607.5700	18360.6000, 5092.3100	68.3424, 27.9007	7.9078, 2.6359	47.8308, 12.3498
	MEDIAN	41326.900	27575.300	31057.100	22.489	11.186	15.002
	MIN, MAX	11774.100, 56128.400	2637.300, 58085.100	2637.300, 58085.100	12.258, 172.570	5.402, 27.564	5.402, 172.570
	5%, 95%	11774.100, 56128.400	2637.300, 58085.100	2637.300, 58085.100	12.258, 172.570	5.402, 27.564	5.402, 172.570
\$50,000 or more	N	3	9	12	5	7	12
	MEAN, GEO MEAN	29880.000, 28878.400	28240.400, 22582.000	28650.300, 24014.000	77.770, 34.832	19.403, 18.142	43.722, 23.808
	SD, SE	9908.5900, 5720.7300	18942.8000, 6314.2500	16714.3000, 4824.9900	120.5830, 53.9264	7.8690, 2.9742	78.8952, 22.7751
	MEDIAN	25646.200	22543.800	23926.200	23.096	16.556	18.971
	MIN, MAX	22791.600, 41202.100	5159.950, 58496.400	5159.950, 58496.400	9.573, 291.961	10.196, 33.651	9.573, 291.961
	5%, 95%	22791.600, 41202.100	5159.950, 58496.400	5159.950, 58496.400	9.573, 291.961	10.196, 33.651	9.573, 291.961

* Overall values calculated by first averaging the results across visits within a subject, then calculating the descriptive statistics across subjects. Count of BLQ values does not apply as the BLQ values were converted to the upper limit of the BLQ (e.g., '<1.234' will be used as '1.234') for the averages across visits within a subject thus eliminating all BLQ values for the overall statistics.

TABLE 14.4-11
DESCRIPTIVE STATISTICS OF 24-HOUR URINE BIOMARKERS OF EXPOSURE BY TIMEPOINT FOR DEMOGRAPHIC CHARACTERISTIC: ANNUAL HOUSEHOLD INCOME
(Page 89 of ?)

Lab: Harrogate
Biomarker: Free 3-hydroxycotinine (ug/mg Creatinin)
Timepoint: Week 1

Characteristic	Statistic	Smokers			Non-Smokers		
		Male	Female	Overall	Male	Female	Overall
\$19,999 or less	N	5	5	10	9	4	13
	MEAN, GEO MEAN	4.519, 2.864	3.207, 2.511	3.863, 2.682	0.007, 0.004	0.006, 0.004	0.006, 0.004
	SD, SE	3.3748, 1.5093	2.2847, 1.0218	2.8037, 0.8866	0.0100, 0.0033	0.0068, 0.0034	0.0089, 0.0025
	MEDIAN	3.882	3.011	3.447	0.003	0.003	0.003
	MIN, MAX	0.300, 8.886	1.049, 6.395	0.300, 8.886	0.001, 0.032	0.002, 0.016	0.001, 0.032
	5%, 95%	0.300, 8.886	1.049, 6.395	0.300, 8.886	0.001, 0.032	0.002, 0.016	0.001, 0.032
	BLQ Values Included	0	0	0	2	2	4
\$20,000 to \$39,999	N	5	10	15	10	16	26
	MEAN, GEO MEAN	3.480, 1.443	6.873, 5.916	5.742, 3.696	0.003, NA	0.005, 0.003	0.004, NA
	SD, SE	3.3696, 1.5069	3.6321, 1.1486	3.8033, 0.9820	0.0057, 0.0018	0.0086, 0.0021	0.0075, 0.0015
	MEDIAN	2.233	6.439	5.293	0.001	0.002	0.002
	MIN, MAX	0.040, 8.712	2.084, 12.478	0.040, 12.478	0.000, 0.019	0.001, 0.036	0.000, 0.036
	5%, 95%	0.040, 8.712	2.084, 12.478	0.040, 12.478	0.000, 0.019	0.001, 0.036	0.001, 0.019
	BLQ Values Included	0	0	0	4	6	10
\$40,000 to \$49,999	N	5	8	13	6	9	15
	MEAN, GEO MEAN	4.683, 4.344	4.440, 2.687	4.533, 3.232	0.006, 0.003	0.002, 0.002	0.004, 0.003
	SD, SE	1.8208, 0.8143	3.9988, 1.4138	3.2323, 0.8965	0.0063, 0.0026	0.0011, 0.0004	0.0043, 0.0011
	MEDIAN	4.335	3.915	4.335	0.003	0.002	0.002
	MIN, MAX	2.080, 6.763	0.119, 13.466	0.119, 13.466	0.001, 0.015	0.001, 0.005	0.001, 0.015
	5%, 95%	2.080, 6.763	0.119, 13.466	0.119, 13.466	0.001, 0.015	0.001, 0.005	0.001, 0.015
	BLQ Values Included	0	0	0	0	5	5
\$50,000 or more	N	3	9	12	5	7	12
	MEAN, GEO MEAN	3.199, 3.035	5.001, 3.486	4.550, 3.367	0.010, 0.004	0.003, 0.002	0.006, 0.003
	SD, SE	1.2416, 0.7169	4.4047, 1.4682	3.8799, 1.1200	0.0177, 0.0079	0.0011, 0.0004	0.0115, 0.0033
	MEDIAN	3.115	3.640	3.378	0.002	0.002	0.002
	MIN, MAX	2.002, 4.481	0.500, 14.351	0.500, 14.351	0.001, 0.042	0.001, 0.004	0.001, 0.042
	5%, 95%	2.002, 4.481	0.500, 14.351	0.500, 14.351	0.001, 0.042	0.001, 0.004	0.001, 0.042
	BLQ Values Included	0	0	0	1	3	4

TABLE 14.4-11
DESCRIPTIVE STATISTICS OF 24-HOUR URINE BIOMARKERS OF EXPOSURE BY TIMEPOINT FOR DEMOGRAPHIC CHARACTERISTIC: ANNUAL HOUSEHOLD INCOME
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Lab: Harrogate
Biomarker: Free 3-hydroxycotinine (ug/mg Creatinin)
Timepoint: Week 2

Characteristic	Statistic	Smokers			Non-Smokers		
		Male	Female	Overall	Male	Female	Overall
\$19,999 or less	N	5	5	10	9	4	13
	MEAN, GEO MEAN	5.009, 3.163	5.102, 4.203	5.056, 3.646	0.011, 0.005	0.006, 0.004	0.010, 0.004
	SD, SE	3.9733, 1.7769	3.2889, 1.4708	3.4389, 1.0875	0.0183, 0.0061	0.0085, 0.0043	0.0157, 0.0044
	MEDIAN	3.788	4.761	4.275	0.004	0.002	0.003
	MIN, MAX	0.377, 10.012	1.323, 10.306	0.377, 10.306	0.001, 0.057	0.002, 0.019	0.001, 0.057
	5%, 95%	0.377, 10.012	1.323, 10.306	0.377, 10.306	0.001, 0.057	0.002, 0.019	0.001, 0.057
	BLQ Values Included	0	0	0	1	1	2
\$20,000 to \$39,999	N	5	9	14	10	16	26
	MEAN, GEO MEAN	3.302, 1.343	8.180, 7.091	6.438, 3.914	0.011, NA	0.004, 0.003	0.007, NA
	SD, SE	3.0700, 1.3729	4.4747, 1.4916	4.5939, 1.2278	0.0243, 0.0077	0.0044, 0.0011	0.0153, 0.0030
	MEDIAN	2.896	6.740	5.907	0.002	0.003	0.003
	MIN, MAX	0.027, 8.359	2.576, 15.297	0.027, 15.297	0.000, 0.079	0.001, 0.018	0.000, 0.079
	5%, 95%	0.027, 8.359	2.576, 15.297	0.027, 15.297	0.000, 0.079	0.001, 0.018	0.001, 0.018
	BLQ Values Included	0	0	0	1	6	7
\$40,000 to \$49,999	N	5	8	13	6	9	15
	MEAN, GEO MEAN	4.166, 3.848	4.314, 3.101	4.257, 3.370	0.007, 0.004	0.002, 0.002	0.004, 0.002
	SD, SE	1.6118, 0.7208	3.1403, 1.1103	2.5737, 0.7138	0.0073, 0.0030	0.0019, 0.0006	0.0051, 0.0013
	MEDIAN	3.997	4.116	4.030	0.003	0.002	0.002
	MIN, MAX	1.742, 5.825	0.400, 10.051	0.400, 10.051	0.001, 0.019	0.001, 0.006	0.001, 0.019
	5%, 95%	1.742, 5.825	0.400, 10.051	0.400, 10.051	0.001, 0.019	0.001, 0.006	0.001, 0.019
	BLQ Values Included	0	0	0	0	5	5
\$50,000 or more	N	3	9	12	5	7	12
	MEAN, GEO MEAN	4.376, 4.340	4.900, 3.431	4.769, 3.639	0.005, 0.003	0.003, 0.003	0.004, 0.003
	SD, SE	0.6950, 0.4013	4.2786, 1.4262	3.6685, 1.0590	0.0059, 0.0027	0.0014, 0.0005	0.0038, 0.0011
	MEDIAN	4.126	2.923	3.983	0.002	0.002	0.002
	MIN, MAX	3.840, 5.161	0.693, 12.899	0.693, 12.899	0.001, 0.015	0.002, 0.005	0.001, 0.015
	5%, 95%	3.840, 5.161	0.693, 12.899	0.693, 12.899	0.001, 0.015	0.002, 0.005	0.001, 0.015
	BLQ Values Included	0	0	0	1	3	4

TABLE 14.4-11
DESCRIPTIVE STATISTICS OF 24-HOUR URINE BIOMARKERS OF EXPOSURE BY TIMEPOINT FOR DEMOGRAPHIC CHARACTERISTIC: ANNUAL HOUSEHOLD INCOME
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Lab: Harrogate
Biomarker: Free 3-hydroxycotinine (ug/mg Creatinin)
Timepoint: Week 3

Characteristic	Statistic	Smokers			Non-Smokers		
		Male	Female	Overall	Male	Female	Overall
\$19,999 or less	N	5	4	9	9	4	13
	MEAN, GEO MEAN	4.038, 2.478	4.448, 3.742	4.220, 2.976	0.003, 0.003	0.007, 0.004	0.004, 0.003
	SD, SE	3.5424, 1.5842	2.9451, 1.4726	3.0941, 1.0314	0.0018, 0.0006	0.0098, 0.0049	0.0055, 0.0015
	MEDIAN	3.266	3.841	3.446	0.002	0.003	0.002
	MIN, MAX	0.396, 8.838	1.574, 8.536	0.396, 8.838	0.001, 0.007	0.002, 0.022	0.001, 0.022
	5%, 95%	0.396, 8.838	1.574, 8.536	0.396, 8.838	0.001, 0.007	0.002, 0.022	0.001, 0.022
	BLQ Values Included	0	0	0	1	2	3
\$20,000 to \$39,999	N	5	8	13	10	16	26
	MEAN, GEO MEAN	3.397, 1.190	7.759, 6.996	6.081, 3.539	0.003, 0.002	0.004, 0.003	0.003, 0.002
	SD, SE	3.7173, 1.6624	3.5004, 1.2376	4.0784, 1.1311	0.0043, 0.0014	0.0025, 0.0006	0.0032, 0.0006
	MEDIAN	2.000	7.935	4.552	0.001	0.003	0.002
	MIN, MAX	0.019, 9.708	3.638, 11.857	0.019, 11.857	0.001, 0.014	0.001, 0.008	0.001, 0.014
	5%, 95%	0.019, 9.708	3.638, 11.857	0.019, 11.857	0.001, 0.014	0.001, 0.008	0.001, 0.008
	BLQ Values Included	0	0	0	4	10	14
\$40,000 to \$49,999	N	5	8	13	6	9	15
	MEAN, GEO MEAN	5.295, 4.780	3.823, 2.924	4.390, 3.532	0.007, 0.003	0.002, 0.002	0.004, 0.002
	SD, SE	2.1770, 0.9736	3.2550, 1.1508	2.8837, 0.7998	0.0083, 0.0034	0.0014, 0.0005	0.0056, 0.0014
	MEDIAN	6.101	3.043	4.139	0.002	0.002	0.002
	MIN, MAX	1.830, 7.368	0.972, 11.140	0.972, 11.140	0.001, 0.018	0.001, 0.005	0.001, 0.018
	5%, 95%	1.830, 7.368	0.972, 11.140	0.972, 11.140	0.001, 0.018	0.001, 0.005	0.001, 0.018
	BLQ Values Included	0	0	0	1	6	7
\$50,000 or more	N	2	9	11	5	7	12
	MEAN, GEO MEAN	3.371, 3.370	5.635, 3.938	5.223, 3.828	0.010, 0.004	0.003, 0.002	0.006, 0.003
	SD, SE	0.1372, 0.0970	4.9415, 1.6472	4.5139, 1.3610	0.0172, 0.0077	0.0026, 0.0010	0.0112, 0.0032
	MEDIAN	3.371	3.585	3.468	0.002	0.002	0.002
	MIN, MAX	3.274, 3.468	0.770, 15.542	0.770, 15.542	0.002, 0.041	0.001, 0.008	0.001, 0.041
	5%, 95%	3.274, 3.468	0.770, 15.542	0.770, 15.542	0.002, 0.041	0.001, 0.008	0.001, 0.041
	BLQ Values Included	0	0	0	2	5	7

TABLE 14.4-11
DESCRIPTIVE STATISTICS OF 24-HOUR URINE BIOMARKERS OF EXPOSURE BY TIMEPOINT FOR DEMOGRAPHIC CHARACTERISTIC: ANNUAL HOUSEHOLD INCOME
(Page 92 of 7)

Lab: Harrogate
Biomarker: Free 3-hydroxycotinine (ug/mg Creatinin)
Timepoint: Overall*

Characteristic	Statistic	Smokers			Non-Smokers		
		Male	Female	Overall	Male	Female	Overall
\$19,999 or less	N	5	5	10	9	4	13
	MEAN, GEO MEAN	4.522, 2.898	4.117, 3.430	4.320, 3.153	0.007, 0.004	0.007, 0.004	0.007, 0.004
	SD, SE	3.5835, 1.6026	2.7177, 1.2154	3.0059, 0.9506	0.0097, 0.0032	0.0083, 0.0042	0.0090, 0.0025
	MEDIAN	2.982	3.739	3.361	0.003	0.003	0.003
	MIN, MAX	0.358, 9.245	1.334, 8.412	0.358, 9.245	0.001, 0.031	0.002, 0.019	0.001, 0.031
	5%, 95%	0.358, 9.245	1.334, 8.412	0.358, 9.245	0.001, 0.031	0.002, 0.019	0.001, 0.031
\$20,000 to \$39,999	N	5	10	15	10	16	26
	MEAN, GEO MEAN	3.393, 1.351	7.323, 6.484	6.013, 3.844	0.006, 0.003	0.004, 0.003	0.005, 0.003
	SD, SE	3.3502, 1.4983	3.6196, 1.1446	3.9122, 1.0101	0.0111, 0.0035	0.0041, 0.0010	0.0074, 0.0015
	MEDIAN	2.220	6.688	6.322	0.002	0.004	0.003
	MIN, MAX	0.029, 8.926	2.330, 12.984	0.029, 12.984	0.001, 0.037	0.001, 0.017	0.001, 0.037
	5%, 95%	0.029, 8.926	2.330, 12.984	0.029, 12.984	0.001, 0.037	0.001, 0.017	0.001, 0.017
\$40,000 to \$49,999	N	5	8	13	6	9	15
	MEAN, GEO MEAN	4.715, 4.354	4.192, 3.057	4.393, 3.503	0.007, 0.004	0.002, 0.002	0.004, 0.003
	SD, SE	1.7517, 0.7834	3.3933, 1.1997	2.7945, 0.7751	0.0071, 0.0029	0.0013, 0.0004	0.0048, 0.0013
	MEDIAN	5.249	3.856	4.208	0.003	0.002	0.002
	MIN, MAX	1.884, 6.378	0.497, 11.552	0.497, 11.552	0.001, 0.017	0.001, 0.005	0.001, 0.017
	5%, 95%	1.884, 6.378	0.497, 11.552	0.497, 11.552	0.001, 0.017	0.001, 0.005	0.001, 0.017
\$50,000 or more	N	3	9	12	5	7	12
	MEAN, GEO MEAN	3.810, 3.744	5.178, 3.642	4.836, 3.667	0.009, 0.004	0.003, 0.003	0.005, 0.003
	SD, SE	0.8922, 0.5151	4.5239, 1.5080	3.9258, 1.1333	0.0137, 0.0061	0.0012, 0.0004	0.0088, 0.0025
	MEDIAN	3.474	3.383	3.429	0.002	0.003	0.003
	MIN, MAX	3.134, 4.821	0.654, 14.264	0.654, 14.264	0.002, 0.033	0.002, 0.005	0.002, 0.033
	5%, 95%	3.134, 4.821	0.654, 14.264	0.654, 14.264	0.002, 0.033	0.002, 0.005	0.002, 0.033

* Overall values calculated by first averaging the results across visits within a subject, then calculating the descriptive statistics across subjects. Count of BLQ values does not apply as the BLQ values were converted to the upper limit of the BLQ (e.g., '<1.234' will be used as '1.234') for the averages across visits within a subject thus eliminating all BLQ values for the overall statistics.

TABLE 14.4-11
DESCRIPTIVE STATISTICS OF 24-HOUR URINE BIOMARKERS OF EXPOSURE BY TIMEPOINT FOR DEMOGRAPHIC CHARACTERISTIC: ANNUAL HOUSEHOLD INCOME
(Page 93 of 7)

Lab: Harrogate
Biomarker: Free 3-hydroxycotinine (nmol/mg Creatin)
Timepoint: Week 1

Characteristic	Statistic	Smokers			Non-Smokers		
		Male	Female	Overall	Male	Female	Overall
\$19,999 or less	N	5	5	10	9	4	13
	MEAN, GEO MEAN	23.513, 14.901	16.684, 13.065	20.099, 13.953	0.035, 0.018	0.030, 0.019	0.034, 0.018
	SD, SE	17.5591, 7.8527	11.8874, 5.3162	14.5874, 4.6130	0.0520, 0.0173	0.0356, 0.0178	0.0461, 0.0128
	MEDIAN	20.198	15.666	17.932	0.016	0.013	0.016
	MIN, MAX	1.561, 46.234	5.458, 33.273	1.561, 46.234	0.005, 0.166	0.010, 0.083	0.005, 0.166
	5%, 95%	1.561, 46.234	5.458, 33.273	1.561, 46.234	0.005, 0.166	0.010, 0.083	0.005, 0.166
	BLQ Values Included	0	0	0	2	2	4
\$20,000 to \$39,999	N	5	10	15	10	16	26
	MEAN, GEO MEAN	18.108, 7.507	35.759, 30.779	29.875, 19.230	0.018, NA	0.025, 0.013	0.022, NA
	SD, SE	17.5321, 7.8406	18.8979, 5.9761	19.7887, 5.1094	0.0299, 0.0094	0.0447, 0.0112	0.0392, 0.0077
	MEDIAN	11.618	33.502	27.539	0.005	0.010	0.010
	MIN, MAX	0.208, 45.329	10.843, 64.923	0.208, 64.923	0.000, 0.099	0.005, 0.187	0.000, 0.187
	5%, 95%	0.208, 45.329	10.843, 64.923	0.208, 64.923	0.000, 0.099	0.005, 0.187	0.005, 0.099
	BLQ Values Included	0	0	0	4	6	10
\$40,000 to \$49,999	N	5	8	13	6	9	15
	MEAN, GEO MEAN	24.365, 22.601	23.100, 13.978	23.586, 16.816	0.031, 0.018	0.012, 0.011	0.020, 0.013
	SD, SE	9.4738, 4.2368	20.8057, 7.3559	16.8178, 4.6644	0.0328, 0.0134	0.0060, 0.0020	0.0224, 0.0058
	MEDIAN	22.555	20.370	22.555	0.016	0.010	0.010
	MIN, MAX	10.822, 35.188	0.619, 70.064	0.619, 70.064	0.005, 0.078	0.005, 0.026	0.005, 0.078
	5%, 95%	10.822, 35.188	0.619, 70.064	0.619, 70.064	0.005, 0.078	0.005, 0.026	0.005, 0.078
	BLQ Values Included	0	0	0	0	5	5
\$50,000 or more	N	3	9	12	5	7	12
	MEAN, GEO MEAN	16.646, 15.789	26.018, 18.140	23.675, 17.521	0.054, 0.020	0.013, 0.012	0.030, 0.015
	SD, SE	6.4607, 3.7301	22.9172, 7.6391	20.1871, 5.8275	0.0926, 0.0414	0.0062, 0.0023	0.0598, 0.0173
	MEDIAN	16.207	18.939	17.573	0.010	0.010	0.010
	MIN, MAX	10.416, 23.315	2.602, 74.668	2.602, 74.668	0.005, 0.219	0.005, 0.021	0.005, 0.219
	5%, 95%	10.416, 23.315	2.602, 74.668	2.602, 74.668	0.005, 0.219	0.005, 0.021	0.005, 0.219
	BLQ Values Included	0	0	0	1	3	4

TABLE 14.4-11
DESCRIPTIVE STATISTICS OF 24-HOUR URINE BIOMARKERS OF EXPOSURE BY TIMEPOINT FOR DEMOGRAPHIC CHARACTERISTIC: ANNUAL HOUSEHOLD INCOME
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Lab: Harrogate

Biomarker: Free 3-hydroxycotinine (nmol/mg Creatin)

Timepoint: Week 2

Characteristic	Statistic	Smokers			Non-Smokers		
		Male	Female	Overall	Male	Female	Overall
\$19,999 or less	N	5	5	10	9	4	13
	MEAN, GEO MEAN	26.064, 16.457	26.546, 21.866	26.305, 18.970	0.058, 0.023	0.032, 0.018	0.050, 0.021
	SD, SE	20.6726, 9.2451	17.1120, 7.6527	17.8926, 5.6581	0.0953, 0.0318	0.0445, 0.0223	0.0818, 0.0227
	MEDIAN	19.709	24.771	22.240	0.021	0.010	0.016
	MIN, MAX	1.962, 52.092	6.884, 53.622	1.962, 53.622	0.005, 0.297	0.010, 0.099	0.005, 0.297
	5%, 95%	1.962, 52.092	6.884, 53.622	1.962, 53.622	0.005, 0.297	0.010, 0.099	0.005, 0.297
	BLQ Values Included	0	0	0	1	1	2
\$20,000 to \$39,999	N	5	9	14	10	16	26
	MEAN, GEO MEAN	17.181, 6.984	42.559, 36.897	33.495, 20.362	0.057, NA	0.023, 0.016	0.036, NA
	SD, SE	15.9731, 7.1434	23.2817, 7.7606	23.9019, 6.3880	0.1267, 0.0401	0.0229, 0.0057	0.0799, 0.0157
	MEDIAN	15.068	35.068	30.734	0.008	0.016	0.013
	MIN, MAX	0.140, 43.492	13.403, 79.590	0.140, 79.590	0.000, 0.411	0.005, 0.094	0.000, 0.411
	5%, 95%	0.140, 43.492	13.403, 79.590	0.140, 79.590	0.000, 0.411	0.005, 0.094	0.005, 0.094
	BLQ Values Included	0	0	0	1	6	7
\$40,000 to \$49,999	N	5	8	13	6	9	15
	MEAN, GEO MEAN	21.676, 20.024	22.444, 16.137	22.148, 17.533	0.035, 0.020	0.012, 0.009	0.021, 0.013
	SD, SE	8.3861, 3.7304	16.3387, 5.7766	13.3909, 3.7140	0.0379, 0.0155	0.0098, 0.0033	0.0264, 0.0068
	MEDIAN	20.796	21.413	20.968	0.016	0.010	0.010
	MIN, MAX	9.064, 30.307	2.081, 52.295	2.081, 52.295	0.005, 0.099	0.005, 0.031	0.005, 0.099
	5%, 95%	9.064, 30.307	2.081, 52.295	2.081, 52.295	0.005, 0.099	0.005, 0.031	0.005, 0.099
	BLQ Values Included	0	0	0	0	5	5
\$50,000 or more	N	3	9	12	5	7	12
	MEAN, GEO MEAN	22.767, 22.584	25.492, 17.853	24.811, 18.934	0.024, 0.013	0.015, 0.014	0.019, 0.014
	SD, SE	3.6159, 2.0877	22.2614, 7.4205	19.0870, 5.5099	0.0310, 0.0139	0.0075, 0.0029	0.0200, 0.0058
	MEDIAN	21.468	15.208	20.724	0.010	0.010	0.010
	MIN, MAX	19.980, 26.853	3.606, 67.113	3.606, 67.113	0.005, 0.078	0.010, 0.026	0.005, 0.078
	5%, 95%	19.980, 26.853	3.606, 67.113	3.606, 67.113	0.005, 0.078	0.010, 0.026	0.005, 0.078
	BLQ Values Included	0	0	0	1	3	4

TABLE 14.4-11
DESCRIPTIVE STATISTICS OF 24-HOUR URINE BIOMARKERS OF EXPOSURE BY TIMEPOINT FOR DEMOGRAPHIC CHARACTERISTIC: ANNUAL HOUSEHOLD INCOME
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Lab: Harrogate
Biomarker: Free 3-hydroxycotinine (nmol/mg Creatin)
Timepoint: Week 3

Characteristic	Statistic	Smokers			Non-Smokers		
		Male	Female	Overall	Male	Female	Overall
\$19,999 or less	N	5	4	9	9	4	13
	MEAN, GEO MEAN	21.012, 12.895	23.142, 19.470	21.959, 15.487	0.015, 0.013	0.038, 0.021	0.022, 0.015
	SD, SE	18.4311, 8.2426	15.3233, 7.6616	16.0986, 5.3662	0.0092, 0.0031	0.0511, 0.0255	0.0288, 0.0080
	MEDIAN	16.993	19.983	17.930	0.010	0.013	0.010
	MIN, MAX	2.060, 45.984	8.190, 44.413	2.060, 45.984	0.005, 0.036	0.010, 0.114	0.005, 0.114
	5%, 95%	2.060, 45.984	8.190, 44.413	2.060, 45.984	0.005, 0.036	0.010, 0.114	0.005, 0.114
	BLQ Values Included	0	0	0	1	2	3
\$20,000 to \$39,999	N	5	8	13	10	16	26
	MEAN, GEO MEAN	17.673, 6.191	40.370, 36.400	31.640, 18.416	0.017, 0.010	0.018, 0.014	0.018, 0.012
	SD, SE	19.3414, 8.6497	18.2124, 6.4391	21.2198, 5.8853	0.0228, 0.0072	0.0130, 0.0032	0.0170, 0.0033
	MEDIAN	10.406	41.286	23.684	0.005	0.016	0.010
	MIN, MAX	0.099, 50.511	18.929, 61.692	0.099, 61.692	0.005, 0.073	0.005, 0.042	0.005, 0.073
	5%, 95%	0.099, 50.511	18.929, 61.692	0.099, 61.692	0.005, 0.073	0.005, 0.042	0.005, 0.042
	BLQ Values Included	0	0	0	4	10	14
\$40,000 to \$49,999	N	5	8	13	6	9	15
	MEAN, GEO MEAN	27.552, 24.868	19.893, 15.212	22.839, 18.377	0.035, 0.017	0.012, 0.010	0.021, 0.012
	SD, SE	11.3274, 5.0658	16.9358, 5.9877	15.0042, 4.1614	0.0432, 0.0176	0.0075, 0.0025	0.0290, 0.0075
	MEDIAN	31.744	15.830	21.535	0.010	0.010	0.010
	MIN, MAX	9.521, 38.336	5.057, 57.961	5.057, 57.961	0.005, 0.094	0.005, 0.026	0.005, 0.094
	5%, 95%	9.521, 38.336	5.057, 57.961	5.057, 57.961	0.005, 0.094	0.005, 0.026	0.005, 0.094
	BLQ Values Included	0	0	0	1	6	7
\$50,000 or more	N	2	9	11	5	7	12
	MEAN, GEO MEAN	17.540, 17.532	29.318, 20.488	27.177, 19.916	0.053, 0.021	0.015, 0.012	0.031, 0.015
	SD, SE	0.7135, 0.5045	25.7108, 8.5703	23.4860, 7.0813	0.0897, 0.0401	0.0137, 0.0052	0.0583, 0.0168
	MEDIAN	17.540	18.653	18.044	0.010	0.010	0.010
	MIN, MAX	17.035, 18.044	4.006, 80.865	4.006, 80.865	0.010, 0.213	0.005, 0.042	0.005, 0.213
	5%, 95%	17.035, 18.044	4.006, 80.865	4.006, 80.865	0.010, 0.213	0.005, 0.042	0.005, 0.213
	BLQ Values Included	0	0	0	2	5	7

TABLE 14.4-11
DESCRIPTIVE STATISTICS OF 24-HOUR URINE BIOMARKERS OF EXPOSURE BY TIMEPOINT FOR DEMOGRAPHIC CHARACTERISTIC: ANNUAL HOUSEHOLD INCOME
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Lab: Harrogate
Biomarker: Free 3-hydroxycotinine (nmol/mg Creatin)
Timepoint: Overall^a

Characteristic	Statistic	Smokers			Non-Smokers		
		Male	Female	Overall	Male	Female	Overall
\$19,999 or less	N	5	5	10	9	4	13
	MEAN, GEO MEAN	23.530, 15.074	21.419, 17.847	22.475, 16.402	0.036, 0.020	0.033, 0.019	0.035, 0.020
	SD, SE	18.6461, 8.3388	14.1404, 6.3238	15.6406, 4.9460	0.0502, 0.0167	0.0439, 0.0219	0.0465, 0.0129
	MEDIAN	15.514	19.456	17.485	0.016	0.012	0.016
	MIN, MAX	1.861, 48.103	6.941, 43.769	1.861, 48.103	0.005, 0.160	0.010, 0.099	0.005, 0.160
	5%, 95%	1.861, 48.103	6.941, 43.769	1.861, 48.103	0.005, 0.160	0.010, 0.099	0.005, 0.160
\$20,000 to \$39,999	N	5	10	15	10	16	26
	MEAN, GEO MEAN	17.654, 7.012	38.099, 33.735	31.284, 19.983	0.031, 0.012	0.022, 0.016	0.025, 0.014
	SD, SE	17.4326, 7.7961	18.8330, 5.9555	20.3560, 5.2559	0.0586, 0.0185	0.0207, 0.0052	0.0389, 0.0076
	MEDIAN	11.549	34.798	32.893	0.011	0.018	0.013
	MIN, MAX	0.149, 46.444	12.123, 67.557	0.149, 67.557	0.003, 0.194	0.005, 0.088	0.003, 0.194
	5%, 95%	0.149, 46.444	12.123, 67.557	0.149, 67.557	0.003, 0.194	0.005, 0.088	0.003, 0.088
\$40,000 to \$49,999	N	5	8	13	6	9	15
	MEAN, GEO MEAN	24.531, 22.654	21.812, 15.907	22.858, 18.225	0.034, 0.019	0.012, 0.010	0.021, 0.013
	SD, SE	9.1143, 4.0760	17.6559, 6.2423	14.5406, 4.0328	0.0374, 0.0153	0.0072, 0.0024	0.0255, 0.0066
	MEDIAN	27.311	20.064	21.894	0.013	0.010	0.010
	MIN, MAX	9.802, 33.185	2.586, 60.107	2.586, 60.107	0.005, 0.088	0.005, 0.028	0.005, 0.088
	5%, 95%	9.802, 33.185	2.586, 60.107	2.586, 60.107	0.005, 0.088	0.005, 0.028	0.005, 0.088
\$50,000 or more	N	3	9	12	5	7	12
	MEAN, GEO MEAN	19.822, 19.482	26.943, 18.952	25.163, 19.083	0.043, 0.019	0.015, 0.014	0.027, 0.016
	SD, SE	4.6420, 2.6800	23.5376, 7.8459	20.4258, 5.8964	0.0709, 0.0317	0.0058, 0.0022	0.0455, 0.0131
	MEDIAN	18.077	17.600	17.839	0.010	0.014	0.012
	MIN, MAX	16.306, 25.084	3.405, 74.215	3.405, 74.215	0.008, 0.170	0.008, 0.024	0.008, 0.170
	5%, 95%	16.306, 25.084	3.405, 74.215	3.405, 74.215	0.008, 0.170	0.008, 0.024	0.008, 0.170

^a Overall values calculated by first averaging the results across visits within a subject, then calculating the descriptive statistics across subjects. Count of BLQ values does not apply as the BLQ values were converted to the upper limit of the BLQ (e.g., <1.234) will be used as 1.234 for the averages across visits within a subject thus eliminating all BLQ values for the overall statistics.

TABLE 14.4-11
DESCRIPTIVE STATISTICS OF 24-HOUR URINE BIOMARKERS OF EXPOSURE BY TIMEPOINT FOR DEMOGRAPHIC CHARACTERISTIC: ANNUAL HOUSEHOLD INCOME
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Lab: Harrogate
Biomarker: 3-hydroxycotinine glucuronide (nmol/24hr)
Timepoint: Week 1

Characteristic	Statistic	Smokers			Non-Smokers		
		Male	Female	Overall	Male	Female	Overall
\$19,999 or less	N	5	5	10	9	4	13
	MEAN, GEO MEAN	18353.200, 8860.980	9066.440, 4872.140	13709.800, 6570.540	14.632, NA	9.593, NA	13.081, NA
	SD, SE	22125.7000, 9894.9300	10497.2000, 4694.4800	17044.3000, 5389.8700	22.9334, 7.6445	14.1670, 7.0835	20.1658, 5.5930
	MEDIAN	11350.500	4240.920	8953.820	6.251	4.185	6.251
	MIN, MAX	785.100, 56537.828	1102.860, 26230.442	785.100, 56537.828	0.000, 72.540	0.000, 30.003	0.000, 72.540
	5%, 95%	785.100, 56537.800	1102.860, 26230.400	785.100, 56537.800	0.000, 72.540	0.000, 30.003	0.000, 72.540
	BLQ Values Included	0	0	0	2	2	4
\$20,000 to \$39,999	N	5	10	15	8	13	21
	MEAN, GEO MEAN	13231.800, 4900.210	8620.170, 6734.620	10157.400, 6057.320	5.734, NA	4.186, NA	4.776, NA
	SD, SE	17661.7000, 7898.5700	5124.7600, 1620.5900	10539.1000, 2721.1800	10.0764, 3.5625	6.1786, 1.7136	7.6834, 1.6767
	MEDIAN	7751.850	8569.560	8366.020	0.375	1.350	0.750
	MIN, MAX	197.400, 44146.195	757.770, 17359.690	197.400, 44146.195	0.000, 25.840	0.000, 16.900	0.000, 25.840
	5%, 95%	197.400, 44146.200	757.770, 17359.700	197.400, 44146.200	0.000, 25.840	0.000, 16.900	0.000, 17.374
	BLQ Values Included	0	0	0	4	6	10
\$40,000 to \$49,999	N	5	7	12	4	5	9
	MEAN, GEO MEAN	10822.700, 8355.190	10165.100, 6319.560	10439.100, 7099.300	20.998, 11.709	2.590, NA	10.771, NA
	SD, SE	7863.4700, 3516.6500	5977.9900, 2259.4700	6487.8600, 1872.8800	22.7485, 11.3742	3.6252, 1.6212	17.1685, 5.7228
	MEDIAN	8169.120	9845.030	9007.080	14.500	0.000	5.408
	MIN, MAX	2189.970, 22971.015	218.900, 16394.625	218.900, 22971.015	2.730, 52.260	0.000, 7.540	0.000, 52.260
	5%, 95%	2189.970, 22971.000	218.900, 16394.600	218.900, 22971.000	2.730, 52.260	0.000, 7.540	0.000, 52.260
	BLQ Values Included	0	0	0	0	5	5
\$50,000 or more	N	3	9	12	4	7	11
	MEAN, GEO MEAN	11273.500, 8525.690	10573.700, 8242.170	10748.700, 8312.150	26.344, NA	2.651, NA	11.266, NA
	SD, SE	7572.7300, 4372.1200	7315.6600, 2438.5500	7032.0400, 2029.9700	40.8155, 20.4077	3.1067, 1.1742	25.4646, 7.6779
	MEDIAN	15435.100	7672.500	9992.530	9.435	1.570	1.930
	MIN, MAX	2532.624, 15852.900	1711.080, 25398.680	1711.080, 25398.680	0.000, 86.504	0.000, 8.695	0.000, 86.504
	5%, 95%	2532.620, 15852.900	1711.080, 25398.700	1711.080, 25398.700	0.000, 86.504	0.000, 8.695	0.000, 86.504
	BLQ Values Included	0	0	0	1	3	4

TABLE 14.4-11
DESCRIPTIVE STATISTICS OF 24-HOUR URINE BIOMARKERS OF EXPOSURE BY TIMEPOINT FOR DEMOGRAPHIC CHARACTERISTIC: ANNUAL HOUSEHOLD INCOME
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Lab: Harrogate
Biomarker: 3-hydroxycotinine glucuronide (nmol/24hr)
Timepoint: Week 2

Characteristic	Statistic	Smokers			Non-Smokers		
		Male	Female	Overall	Male	Female	Overall
\$19,999 or less	N	5	5	10	9	4	13
	MEAN, GEO MEAN	10124.100, 6511.080	6384.960, 5242.080	8254.520, 5842.230	22.963, NA	9.386, NA	18.785, NA
	SD, SE	7237.9800, 3236.9200	3649.7700, 1632.2300	5752.1900, 1819.0000	25.3247, 8.4416	14.4192, 7.2096	22.8490, 6.3372
	MEDIAN	9748.260	7283.070	8750.080	20.160	3.562	9.180
	MIN, MAX	622.537, 20894.220	1550.374, 10322.055	622.537, 20894.220	0.000, 75.525	0.000, 30.420	0.000, 75.525
	5%, 95%	622.537, 20894.200	1550.370, 10322.100	622.537, 20894.200	0.000, 75.525	0.000, 30.420	0.000, 75.525
	BLQ Values Included	0	0	0	1	1	2
\$20,000 to \$39,999	N	5	9	14	10	16	26
	MEAN, GEO MEAN	11066.100, 3712.160	12942.800, 11481.300	12272.600, 7671.150	25.853, NA	8.718, NA	15.308, NA
	SD, SE	15732.7000, 7035.8900	6359.9900, 2120.0000	10095.7000, 2698.1800	63.2781, 20.0103	16.5444, 4.1361	40.9633, 8.0336
	MEDIAN	5954.550	13643.400	9474.400	1.320	1.247	1.320
	MIN, MAX	126.000, 38811.750	4027.023, 24166.670	126.000, 38811.750	0.000, 202.270	0.000, 62.122	0.000, 202.270
	5%, 95%	126.000, 38811.800	4027.020, 24166.700	126.000, 38811.800	0.000, 202.270	0.000, 62.122	0.000, 62.122
	BLQ Values Included	0	0	0	1	6	7
\$40,000 to \$49,999	N	5	8	13	5	7	12
	MEAN, GEO MEAN	8071.680, 6982.300	9007.540, 6411.600	8647.590, 6625.360	22.101, 8.144	4.033, NA	11.561, NA
	SD, SE	4488.1500, 2007.1600	5562.7500, 1966.7300	4998.9900, 1386.4700	25.1513, 11.2480	9.7634, 3.6902	19.1985, 5.5421
	MEDIAN	6250.650	9804.790	9640.240	11.703	0.000	1.090
	MIN, MAX	2855.545, 13017.138	540.383, 17153.400	540.383, 17153.400	0.605, 58.750	0.000, 26.135	0.000, 58.750
	5%, 95%	2855.550, 13017.100	540.383, 17153.400	540.383, 17153.400	0.605, 58.750	0.000, 26.135	0.000, 58.750
	BLQ Values Included	0	0	0	0	5	5
\$50,000 or more	N	3	9	12	3	6	9
	MEAN, GEO MEAN	9845.870, 9315.900	11308.700, 8390.770	10943.000, 8613.060	2.483, 1.857	3.005, NA	2.831, NA
	SD, SE	3627.7600, 2094.4900	8724.6100, 2908.2000	7628.2100, 2202.0800	2.3064, 1.3316	2.5212, 1.0293	2.3174, 0.7725
	MEDIAN	11351.600	7414.610	8089.200	1.490	3.406	3.406
	MIN, MAX	5707.705, 12478.275	1494.592, 26263.300	1494.592, 26263.300	0.840, 5.120	0.000, 5.616	0.000, 5.616
	5%, 95%	5707.710, 12478.300	1494.590, 26263.300	1494.590, 26263.300	0.840, 5.120	0.000, 5.616	0.000, 5.616
	BLQ Values Included	0	0	0	1	3	4

TABLE 14.4-11
DESCRIPTIVE STATISTICS OF 24-HOUR URINE BIOMARKERS OF EXPOSURE BY TIMEPOINT FOR DEMOGRAPHIC CHARACTERISTIC: ANNUAL HOUSEHOLD INCOME
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Lab: Harrogate
Biomarker: 3-hydroxycotinine glucuronide (nmol/24hr)
Timepoint: Week 3

Characteristic	Statistic	Smokers			Non-Smokers		
		Male	Female	Overall	Male	Female	Overall
\$19,999 or less	N	5	3	8	9	4	13
	MEAN, GEO MEAN	10501.700, 6179.140	12314.300, 10663.800	11181.400, 7582.220	5.105, NA	7.431, NA	5.820, NA
	SD, SE	8295.8500, 3710.0200	6641.5600, 3834.5000	7267.0000, 2569.2700	5.2733, 1.7578	12.1116, 6.0558	7.5140, 2.0840
	MEDIAN	11413.900	15817.600	13615.700	3.302	2.197	3.302
	MIN, MAX	641.470, 20133.132	4654.560, 16470.740	641.470, 20133.132	0.000, 17.223	0.000, 25.331	0.000, 25.331
	5%, 95%	641.470, 20133.100	4654.560, 16470.700	641.470, 20133.100	0.000, 17.223	0.000, 25.331	0.000, 25.331
\$20,000 to \$39,999	BLQ Values Included	0	0	0	1	2	3
	N	5	8	13	9	16	25
	MEAN, GEO MEAN	16892.500, 4504.600	14616.100, 11671.200	15491.600, 8092.700	12.549, NA	4.527, NA	7.415, NA
	SD, SE	26722.7000, 11950.8000	9841.5200, 3479.5000	17200.7000, 4770.6000	28.3173, 9.4391	7.3807, 1.8452	17.7983, 3.5597
	MEDIAN	8468.660	14692.700	9406.960	0.000	0.248	0.000
	MIN, MAX	160.868, 64170.700	4027.779, 33098.780	160.868, 64170.700	0.000, 86.250	0.000, 26.235	0.000, 86.250
\$40,000 to \$49,999	5%, 95%	160.868, 64170.700	4027.780, 33098.800	160.868, 64170.700	0.000, 86.250	0.000, 26.235	0.000, 26.235
	BLQ Values Included	0	0	0	4	10	14
	N	5	8	13	6	7	13
	MEAN, GEO MEAN	11758.400, 9103.840	9377.900, 6890.130	10293.500, 7669.460	21.089, 7.251	0.266, NA	9.877, NA
	SD, SE	8658.5200, 3872.2100	7547.0900, 2668.3000	7724.5600, 2142.4100	29.0751, 11.8699	0.4922, 0.1860	21.6587, 6.0070
	MEDIAN	8891.740	6557.120	7108.740	5.193	0.000	1.050
\$50,000 or more	MIN, MAX	3939.440, 22202.775	1725.522, 23005.164	1725.522, 23005.164	1.050, 71.050	0.000, 1.260	0.000, 71.050
	5%, 95%	3939.440, 22202.800	1725.520, 23005.200	1725.520, 23005.200	1.050, 71.050	0.000, 1.260	0.000, 71.050
	BLQ Values Included	0	0	0	1	6	7
	N	2	9	11	4	7	11
	MEAN, GEO MEAN	9195.470, 9123.580	12323.300, 9432.110	11754.600, 9375.250	26.107, NA	2.203, NA	10.895, NA
	SD, SE	1622.9300, 1147.5800	10248.8000, 3416.2800	9267.9700, 2794.4000	42.3593, 21.1796	4.5947, 1.7366	26.3895, 7.9567
\$50,000 or more	MEDIAN	9195.470	8222.740	8222.740	7.884	0.000	0.000
	MIN, MAX	8047.886, 10343.054	2950.624, 31402.440	2950.624, 31402.440	0.000, 88.660	0.000, 12.480	0.000, 88.660
	5%, 95%	8047.890, 10343.100	2950.620, 31402.400	2950.620, 31402.400	0.000, 88.660	0.000, 12.480	0.000, 88.660
	BLQ Values Included	0	0	0	2	5	7

TABLE 14.4-11
DESCRIPTIVE STATISTICS OF 24-HOUR URINE BIOMARKERS OF EXPOSURE BY TIMEPOINT FOR DEMOGRAPHIC CHARACTERISTIC: ANNUAL HOUSEHOLD INCOME
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Lab: Harrogate
Biomarker: 3-hydroxycotinine glucuronide (nmol/24hr)
Timepoint: Overall^a

Characteristic	Statistic	Smokers			Non-Smokers		
		Male	Female	Overall	Male	Female	Overall
\$19,999 or less	N	5	5	10	9	4	13
	MEAN, GEO MEAN	12993.000, 7647.390	8007.360, 5801.900	10500.200, 6661.040	14.233, NA	8.804, NA	12.562, NA
	SD, SE	11746.9000, 5253.3600	6702.4000, 2997.4000	9391.4000, 2969.8200	15.7938, 5.2646	13.5529, 6.7764	14.7993, 4.1046
	MEDIAN	10837.500	4224.070	10204.300	10.141	3.315	6.898
	MIN, MAX	683.036, 32521.700	1717.540, 17674.400	683.036, 32521.700	0.000, 49.847	0.000, 28.585	0.000, 49.847
	5%, 95%	683.036, 32521.700	1717.540, 17674.400	683.036, 32521.700	0.000, 49.847	0.000, 28.585	0.000, 49.847
\$20,000 to \$39,999	N	5	10	15	10	16	26
	MEAN, GEO MEAN	13730.100, 4433.690	11187.100, 9778.670	12034.800, 7512.330	14.021, 2.153	5.564, NA	8.817, NA
	SD, SE	20022.2000, 8954.2200	6325.0900, 2000.1700	11907.9000, 3074.6100	32.5044, 10.2788	7.4955, 1.8739	20.7766, 4.0746
	MEDIAN	8039.720	9900.660	9171.970	1.772	1.019	1.421
	MIN, MAX	161.423, 49042.900	4620.370, 23301.800	161.423, 49042.900	0.208, 104.787	0.000, 23.501	0.000, 104.787
	5%, 95%	161.423, 49042.900	4620.370, 23301.800	161.423, 49042.900	0.208, 104.787	0.000, 23.501	0.000, 23.501
\$40,000 to \$49,999	N	5	8	13	6	8	14
	MEAN, GEO MEAN	10217.600, 8327.240	9342.840, 6941.370	9679.290, 7444.770	18.391, 8.748	1.974, NA	9.010, NA
	SD, SE	6712.3100, 3001.8400	5990.8500, 2118.0800	6012.5300, 1667.5800	22.6551, 9.2489	3.8067, 1.3459	16.6218, 4.4424
	MEDIAN	7585.840	8117.160	7585.840	4.403	0.595	2.528
	MIN, MAX	2994.990, 18393.300	828.268, 17674.700	828.268, 18393.300	3.253, 51.094	0.000, 11.225	0.000, 51.094
	5%, 95%	2994.990, 18393.300	828.268, 17674.700	828.268, 18393.300	3.253, 51.094	0.000, 11.225	0.000, 51.094
\$50,000 or more	N	3	9	12	5	7	12
	MEAN, GEO MEAN	10571.400, 10020.200	11401.900, 8906.580	11194.300, 9172.800	21.058, NA	2.706, NA	10.352, NA
	SD, SE	3843.1300, 2218.8300	8455.3900, 2818.4600	7404.1800, 2137.4000	37.4705, 16.7573	2.5185, 0.9519	24.5625, 7.0906
	MEDIAN	12126.400	8503.500	8901.730	6.396	2.395	2.939
	MIN, MAX	6194.460, 13393.400	2052.100, 27011.000	2052.100, 27011.000	0.000, 87.582	0.000, 6.791	0.000, 87.582
	5%, 95%	6194.460, 13393.400	2052.100, 27011.000	2052.100, 27011.000	0.000, 87.582	0.000, 6.791	0.000, 87.582

^a Overall values calculated by first averaging the results across visits within a subject, then calculating the descriptive statistics across subjects. Count of BLQ values does not apply as the BLQ values were converted to the upper limit of the BLQ (e.g., '<1.234' will be used as '1.234') for the averages across visits within a subject thus eliminating all BLQ values for the overall statistics.

TABLE 14.4-11
DESCRIPTIVE STATISTICS OF 24-HOUR URINE BIOMARKERS OF EXPOSURE BY TIMEPOINT FOR DEMOGRAPHIC CHARACTERISTIC: ANNUAL HOUSEHOLD INCOME
(Page 101 of 7)

Lab: Harrogate

Biomarker: 3-hydroxycotinine glucuronide (nmol/mg Creatin)

Timepoint: Week 1

Characteristic	Statistic	Smokers			Non-Smokers		
		Male	Female	Overall	Male	Female	Overall
\$19,999 or less	N	5	5	10	9	4	13
	MEAN, GEO MEAN	11.051, 6.182	7.055, 3.611	9.053, 4.725	0.009, NA	0.010, NA	0.010, NA
	SD, SE	8.1712, 3.6543	9.1243, 4.0805	8.4328, 2.6667	0.0161, 0.0054	0.0162, 0.0081	0.0155, 0.0043
	MEDIAN	8.341	3.220	7.378	0.003	0.004	0.003
	MIN, MAX	0.365, 19.741	0.724, 22.850	0.365, 22.850	0.000, 0.051	0.000, 0.034	0.000, 0.051
	5%, 95%	0.365, 19.741	0.724, 22.850	0.365, 22.850	0.000, 0.051	0.000, 0.034	0.000, 0.051
	BLQ Values Included	0	0	0	2	2	4
\$20,000 to \$39,999	N	5	10	15	8	13	21
	MEAN, GEO MEAN	10.747, 3.908	8.647, 7.174	9.347, 5.859	0.003, NA	0.003, NA	0.003, NA
	SD, SE	15.3723, 6.8747	5.4439, 1.7215	9.3605, 2.4169	0.0053, 0.0019	0.0051, 0.0014	0.0050, 0.0011
	MEDIAN	5.894	7.366	6.234	0.000	0.001	0.000
	MIN, MAX	0.186, 37.904	1.877, 20.500	0.186, 37.904	0.000, 0.012	0.000, 0.015	0.000, 0.015
	5%, 95%	0.186, 37.904	1.877, 20.500	0.186, 37.904	0.000, 0.012	0.000, 0.015	0.000, 0.012
	BLQ Values Included	0	0	0	4	6	10
\$40,000 to \$49,999	N	5	7	12	4	5	9
	MEAN, GEO MEAN	7.209, 6.217	8.985, 5.055	8.245, 5.510	0.012, 0.007	0.002, NA	0.006, NA
	SD, SE	4.0968, 1.8321	7.8183, 2.9550	6.3467, 1.8321	0.0116, 0.0058	0.0027, 0.0012	0.0090, 0.0030
	MEDIAN	6.754	8.499	7.627	0.010	0.000	0.002
	MIN, MAX	2.511, 13.086	0.182, 24.795	0.182, 24.795	0.002, 0.025	0.000, 0.005	0.000, 0.025
	5%, 95%	2.511, 13.086	0.182, 24.795	0.182, 24.795	0.002, 0.025	0.000, 0.005	0.000, 0.025
	BLQ Values Included	0	0	0	0	5	5
\$50,000 or more	N	3	9	12	4	7	11
	MEAN, GEO MEAN	7.553, 6.948	9.597, 6.921	9.086, 6.927	0.015, NA	0.002, NA	0.007, NA
	SD, SE	3.3379, 1.9271	7.7542, 2.5847	6.8271, 1.9708	0.0254, 0.0127	0.0022, 0.0008	0.0155, 0.0047
	MEDIAN	8.708	6.564	7.323	0.004	0.001	0.001
	MIN, MAX	3.791, 10.160	0.914, 24.215	0.914, 24.215	0.000, 0.053	0.000, 0.006	0.000, 0.053
	5%, 95%	3.791, 10.160	0.914, 24.215	0.914, 24.215	0.000, 0.053	0.000, 0.006	0.000, 0.053
	BLQ Values Included	0	0	0	1	3	4

TABLE 14.4-11
DESCRIPTIVE STATISTICS OF 24-HOUR URINE BIOMARKERS OF EXPOSURE BY TIMEPOINT FOR DEMOGRAPHIC CHARACTERISTIC: ANNUAL HOUSEHOLD INCOME
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Lab: Harrogate
Biomarker: 3-hydroxycotinine glucuronide (nmol/mg Creatin)
Timepoint: Week 2

Characteristic	Statistic	Smokers			Non-Smokers		
		Male	Female	Overall	Male	Female	Overall
\$19,999 or less	N	5	5	10	9	4	13
	MEAN, GEO MEAN	9.090, 4.951	5.781, 4.356	7.436, 4.644	0.015, NA	0.012, NA	0.014, NA
	SD, SE	7.8919, 3.5293	4.8580, 2.1726	6.4197, 2.0301	0.0231, 0.0077	0.0197, 0.0099	0.0214, 0.0059
	MEDIAN	8.786	5.264	5.359	0.008	0.003	0.006
	MIN, MAX	0.325, 21.468	1.341, 13.916	0.325, 21.468	0.000, 0.072	0.000, 0.041	0.000, 0.072
	5%, 95%	0.325, 21.468	1.341, 13.916	0.325, 21.468	0.000, 0.072	0.000, 0.041	0.000, 0.072
\$20,000 to \$39,999	BLQ Values Included	0	0	0	1	1	2
	N	5	9	14	10	16	26
	MEAN, GEO MEAN	9.952, 3.179	10.226, 8.644	10.128, 6.048	0.015, NA	0.006, NA	0.010, NA
	SD, SE	15.6419, 6.9953	6.6583, 2.2194	10.1283, 2.7069	0.0330, 0.0104	0.0133, 0.0033	0.0227, 0.0044
	MEDIAN	3.840	7.455	7.022	0.001	0.001	0.001
	MIN, MAX	0.141, 37.773	3.100, 24.592	0.141, 37.773	0.000, 0.105	0.000, 0.053	0.000, 0.105
\$40,000 to \$49,999	5%, 95%	0.141, 37.773	3.100, 24.592	0.141, 37.773	0.000, 0.105	0.000, 0.053	0.000, 0.053
	BLQ Values Included	0	0	0	1	6	7
	N	5	8	13	5	7	12
	MEAN, GEO MEAN	4.967, 4.690	6.697, 5.020	6.032, 4.890	0.013, 0.005	0.003, NA	0.007, NA
	SD, SE	1.7776, 0.7950	4.2896, 1.5166	3.5432, 0.9827	0.0150, 0.0067	0.0060, 0.0023	0.0113, 0.0033
	MEDIAN	5.062	6.672	5.194	0.005	0.000	0.001
\$50,000 or more	MIN, MAX	2.531, 7.509	0.539, 15.189	0.539, 15.189	0.001, 0.035	0.000, 0.016	0.000, 0.035
	5%, 95%	2.531, 7.509	0.539, 15.189	0.539, 15.189	0.001, 0.035	0.000, 0.016	0.000, 0.035
	BLQ Values Included	0	0	0	0	5	5
	N	3	9	12	3	6	9
	MEAN, GEO MEAN	6.571, 5.826	10.511, 6.938	9.526, 6.642	0.001, 0.001	0.003, NA	0.002, NA
	SD, SE	3.4150, 1.9716	10.1537, 3.3846	8.9596, 2.5864	0.0006, 0.0003	0.0022, 0.0009	0.0019, 0.0006
	MEDIAN	7.422	5.726	6.574	0.001	0.004	0.002
	MIN, MAX	2.811, 9.480	1.171, 31.266	1.171, 31.266	0.001, 0.002	0.000, 0.005	0.000, 0.005
	5%, 95%	2.811, 9.480	1.171, 31.266	1.171, 31.266	0.001, 0.002	0.000, 0.005	0.000, 0.005
	BLQ Values Included	0	0	0	1	3	4

TABLE 14.4-11
DESCRIPTIVE STATISTICS OF 24-HOUR URINE BIOMARKERS OF EXPOSURE BY TIMEPOINT FOR DEMOGRAPHIC CHARACTERISTIC: ANNUAL HOUSEHOLD INCOME
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Lab: Harrogate
Biomarker: 3-hydroxycotinine glucuronide (nmol/mg Creatin)
Timepoint: Week 3

Characteristic	Statistic	Smokers			Non-Smokers		
		Male	Female	Overall	Male	Female	Overall
\$19,999 or less	N	5	3	8	9	4	13
	MEAN, GEO MEAN	9.770, 4.346	9.400, 7.779	9.631, 5.406	0.003, NA	0.010, NA	0.005, NA
	SD, SE	11.1694, 4.9951	6.7619, 3.9040	9.1864, 3.2479	0.0023, 0.0008	0.0164, 0.0082	0.0090, 0.0025
	MEDIAN	9.021	7.776	8.399	0.002	0.002	0.002
	MIN, MAX	0.352, 28.397	3.598, 16.826	0.352, 28.397	0.000, 0.008	0.000, 0.034	0.000, 0.034
	5%, 95%	0.352, 28.397	3.598, 16.826	0.352, 28.397	0.000, 0.008	0.000, 0.034	0.000, 0.034
	BLQ Values Included	0	0	0	1	2	3
\$20,000 to \$39,999	N	5	8	13	9	16	25
	MEAN, GEO MEAN	11.280, 3.694	12.955, 10.962	12.310, 7.215	0.005, NA	0.004, NA	0.004, NA
	SD, SE	16.8837, 7.5506	8.0697, 2.8531	11.5640, 3.2073	0.0101, 0.0034	0.0057, 0.0014	0.0074, 0.0015
	MEDIAN	4.510	10.499	7.045	0.000	0.000	0.000
	MIN, MAX	0.141, 41.198	4.546, 28.047	0.141, 41.198	0.000, 0.030	0.000, 0.018	0.000, 0.030
	5%, 95%	0.141, 41.198	4.546, 28.047	0.141, 41.198	0.000, 0.030	0.000, 0.018	0.000, 0.018
	BLQ Values Included	0	0	0	4	10	14
\$40,000 to \$49,999	N	5	8	13	6	7	13
	MEAN, GEO MEAN	6.648, 5.598	6.686, 5.341	6.672, 5.438	0.011, NA	0.000, NA	0.005, NA
	SD, SE	4.0120, 1.7942	4.7640, 1.6843	4.3133, 1.1963	0.0159, 0.0065	0.0004, 0.0001	0.0117, 0.0032
	MEDIAN	6.287	4.895	5.046	0.003	0.000	0.000
	MIN, MAX	2.396, 11.782	1.718, 14.768	1.718, 14.768	0.000, 0.040	0.000, 0.001	0.000, 0.040
	5%, 95%	2.396, 11.782	1.718, 14.768	1.718, 14.768	0.000, 0.040	0.000, 0.001	0.000, 0.040
	BLQ Values Included	0	0	0	1	6	7
\$50,000 or more	N	2	9	11	4	7	11
	MEAN, GEO MEAN	7.665, 7.601	12.648, 8.170	11.742, 8.064	0.014, NA	0.002, NA	0.006, NA
	SD, SE	13.965, 0.9875	13.4785, 4.4928	12.2309, 3.6878	0.0241, 0.0120	0.0033, 0.0013	0.0149, 0.0045
	MEDIAN	7.665	6.385	6.677	0.004	0.000	0.000
	MIN, MAX	6.677, 8.652	1.968, 40.332	1.968, 40.332	0.000, 0.050	0.000, 0.009	0.000, 0.050
	5%, 95%	6.677, 8.652	1.968, 40.332	1.968, 40.332	0.000, 0.050	0.000, 0.009	0.000, 0.050
	BLQ Values Included	0	0	0	2	5	7

TABLE 14.4-11
DESCRIPTIVE STATISTICS OF 24-HOUR URINE BIOMARKERS OF EXPOSURE BY TIMEPOINT FOR DEMOGRAPHIC CHARACTERISTIC: ANNUAL HOUSEHOLD INCOME
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Lab: Harrogate
Biomarker: 3-hydroxycotinine glucuronide (nmol/mg Creatin)
Timepoint: Overall*

Characteristic	Statistic	Smokers			Non-Smokers		
		Male	Female	Overall	Male	Female	Overall
\$19,999 or less	N	5	5	10	9	4	13
	MEAN, GEO MEAN	9.970, 5.358	6.466, 4.479	8.218, 4.898	0.009, NA	0.011, NA	0.010, NA
	SD, SE	8.6753, 3.8797	6.6359, 2.9677	7.5121, 2.3755	0.0128, 0.0043	0.0172, 0.0086	0.0136, 0.0038
	MEDIAN	8.659	3.249	5.811	0.006	0.003	0.006
	MIN, MAX	0.347, 23.202	1.521, 17.864	0.347, 23.202	0.000, 0.041	0.000, 0.036	0.000, 0.041
	5%, 95%	0.347, 23.202	1.521, 17.864	0.347, 23.202	0.000, 0.041	0.000, 0.036	0.000, 0.041
\$20,000 to \$39,999	N	5	10	15	10	16	26
	MEAN, GEO MEAN	10.660, 3.613	10.502, 9.286	10.555, 6.779	0.007, NA	0.004, NA	0.005, NA
	SD, SE	15.9566, 7.1360	5.8048, 1.8357	9.7167, 2.5088	0.0153, 0.0048	0.0060, 0.0015	0.0104, 0.0020
	MEDIAN	4.861	8.300	7.822	0.001	0.001	0.001
	MIN, MAX	0.156, 38.958	4.745, 21.858	0.156, 38.958	0.000, 0.049	0.000, 0.021	0.000, 0.049
	5%, 95%	0.156, 38.958	4.745, 21.858	0.156, 38.958	0.000, 0.049	0.000, 0.021	0.000, 0.021
\$40,000 to \$49,999	N	5	8	13	6	8	14
	MEAN, GEO MEAN	6.274, 5.579	7.242, 5.392	6.870, 5.463	0.010, 0.004	0.002, NA	0.005, NA
	SD, SE	3.1090, 1.3904	5.3710, 1.8989	4.5044, 1.2493	0.0124, 0.0031	0.0024, 0.0008	0.0090, 0.0024
	MEDIAN	6.078	6.124	6.078	0.003	0.001	0.002
	MIN, MAX	2.479, 9.977	0.813, 18.251	0.813, 18.251	0.001, 0.026	0.000, 0.007	0.000, 0.026
	5%, 95%	2.479, 9.977	0.813, 18.251	0.813, 18.251	0.001, 0.026	0.000, 0.007	0.000, 0.026
\$50,000 or more	N	3	9	12	5	7	12
	MEAN, GEO MEAN	7.307, 6.957	10.919, 7.450	10.016, 7.323	0.012, NA	0.002, NA	0.006, NA
	SD, SE	2.5871, 1.4937	10.3373, 3.4458	9.0333, 2.6077	0.0225, 0.0100	0.0020, 0.0007	0.0145, 0.0042
	MEDIAN	8.065	5.994	7.030	0.003	0.002	0.003
	MIN, MAX	4.426, 9.431	1.351, 30.859	1.351, 30.859	0.000, 0.052	0.000, 0.005	0.000, 0.052
	5%, 95%	4.426, 9.431	1.351, 30.859	1.351, 30.859	0.000, 0.052	0.000, 0.005	0.000, 0.052

* Overall values calculated by first averaging the results across visits within a subject, then calculating the descriptive statistics across subjects. Count of BLQ values does not apply as the BLQ values were converted to the upper limit of the BLQ (e.g., '<1.234' will be used as '1.234') for the averages across visits within a subject thus eliminating all BLQ values for the overall statistics.

TABLE 14.4-11
DESCRIPTIVE STATISTICS OF 24-HOUR URINE BIOMARKERS OF EXPOSURE BY TIMEPOINT FOR DEMOGRAPHIC CHARACTERISTIC: ANNUAL HOUSEHOLD INCOME
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Lab: Harrogate
Biomarker: 3-hydroxycotinine glucuronide (nmol/L)
Timepoint: Week 1

Characteristic	Statistic	Smokers			Non-Smokers		
		Male	Female	Overall	Male	Female	Overall
\$19,999 or less	N	5	5	10	9	4	13
	MEAN, GEO MEAN	16643.3, 8303.7	6299.4, 3154.1	11471.4, 5117.7	7.8, NA	7.0, NA	7.6, NA
	SD, SE	18859.20, 8434.10	7007.45, 3133.83	14478.30, 4578.44	9.15, 3.05	10.34, 5.17	9.09, 2.52
	MEDIAN	13046.5	2396.0	7230.1	3.1	3.1	3.1
	MIN, MAX	1046.8, 48117.3	649.9, 16292.2	649.9, 48117.3	0.0, 26.0	0.0, 21.9	0.0, 26.0
	5%, 95%	1046.8, 48117.3	649.9, 16292.2	649.9, 48117.3	0.0, 26.0	0.0, 21.9	0.0, 26.0
	BLQ Values Included	0	0	0	2	2	4
\$20,000 to \$39,999	N	5	10	15	8	13	21
	MEAN, GEO MEAN	6169.4, 3015.5	5346.7, 3869.4	5621.0, 3560.8	3.2, NA	2.6, NA	2.8, NA
	SD, SE	5694.92, 2546.84	4315.25, 1364.60	4625.83, 1194.39	5.23, 1.85	3.53, 0.98	4.14, 0.90
	MEDIAN	5346.1	3088.8	3414.7	0.3	1.0	0.5
	MIN, MAX	140.0, 15275.5	871.0, 12533.0	140.0, 15275.5	0.0, 14.6	0.0, 9.9	0.0, 14.6
	5%, 95%	140.0, 15275.5	871.0, 12533.0	140.0, 15275.5	0.0, 14.6	0.0, 9.9	0.0, 9.9
	BLQ Values Included	0	0	0	4	6	10
\$40,000 to \$49,999	N	5	7	12	4	5	9
	MEAN, GEO MEAN	4839.1, 3699.0	6837.3, 3711.9	6004.7, 3706.5	8.0, 6.9	1.0, NA	4.1, NA
	SD, SE	3299.22, 1475.45	4651.99, 1758.29	4101.35, 1183.96	5.28, 2.64	1.42, 0.64	4.97, 1.66
	MEDIAN	4489.1	6697.3	5116.1	6.0	0.0	2.6
	MIN, MAX	811.1, 9774.9	79.6, 13115.7	79.6, 13115.7	4.2, 15.6	0.0, 2.6	0.0, 15.6
	5%, 95%	811.1, 9774.9	79.6, 13115.7	79.6, 13115.7	4.2, 15.6	0.0, 2.6	0.0, 15.6
	BLQ Values Included	0	0	0	0	5	5
\$50,000 or more	N	3	9	12	4	7	11
	MEAN, GEO MEAN	6082.3, 4315.9	5395.7, 4122.5	5567.4, 4170.0	28.3, NA	1.5, NA	11.2, NA
	SD, SE	4424.36, 2554.41	4132.46, 1377.49	4009.40, 1157.41	47.08, 23.54	1.61, 0.61	29.15, 8.79
	MEDIAN	7549.0	5136.9	5316.7	7.5	1.0	1.0
	MIN, MAX	1110.8, 9587.0	814.8, 14940.4	814.8, 14940.4	0.0, 98.3	0.0, 4.7	0.0, 98.3
	5%, 95%	1110.8, 9587.0	814.8, 14940.4	814.8, 14940.4	0.0, 98.3	0.0, 4.7	0.0, 98.3
	BLQ Values Included	0	0	0	1	3	4

TABLE 14.4-11
DESCRIPTIVE STATISTICS OF 24-HOUR URINE BIOMARKERS OF EXPOSURE BY TIMEPOINT FOR DEMOGRAPHIC CHARACTERISTIC: ANNUAL HOUSEHOLD INCOME
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Lab: Harrogate
Biomarker: 3-hydroxycotinine glucuronide (nmol/L)
Timepoint: Week 2

Characteristic	Statistic	Smokers			Non-Smokers		
		Male	Female	Overall	Male	Female	Overall
\$19,999 or less	N	5	5	10	9	4	13
	MEAN, GEO MEAN	9682.4, 5913.3	7065.0, 5530.8	8374.2, 5718.9	15.2, NA	5.2, NA	12.1, NA
	SD, SE	8368.42, 3742.47	3807.91, 1702.95	6282.57, 1986.72	19.74, 6.58	7.35, 3.68	17.21, 4.77
	MEDIAN	7119.3	8859.7	7989.5	11.4	2.6	6.8
	MIN, MAX	596.3, 23215.8	1061.9, 10710.4	596.3, 23215.8	0.0, 62.4	0.0, 15.6	0.0, 62.4
	5%, 95%	596.3, 23215.8	1061.9, 10710.4	596.3, 23215.8	0.0, 62.4	0.0, 15.6	0.0, 62.4
\$20,000 to \$39,999	BLQ Values Included	0	0	0	1	1	2
	N	5	9	14	10	16	26
	MEAN, GEO MEAN	6945.7, 3074.6	7254.7, 5905.1	7144.4, 4677.3	22.9, NA	4.8, NA	11.8, NA
	SD, SE	6438.14, 2879.23	5014.48, 1671.49	5315.19, 1420.54	56.04, 17.72	9.05, 2.26	35.50, 6.96
	MEDIAN	5800.3	5113.0	5456.7	1.6	0.8	1.6
	MIN, MAX	140.0, 15524.7	2296.1, 15447.7	140.0, 15524.7	0.0, 179.0	0.0, 34.9	0.0, 179.0
\$40,000 to \$49,999	5%, 95%	140.0, 15524.7	2296.1, 15447.7	140.0, 15524.7	0.0, 179.0	0.0, 34.9	0.0, 38.0
	BLQ Values Included	0	0	0	1	6	7
	N	5	8	13	5	7	12
	MEAN, GEO MEAN	4126.8, 3337.7	6438.4, 4219.9	5549.3, 3855.9	7.3, 4.1	1.2, NA	3.7, NA
	SD, SE	2942.78, 1316.05	4883.89, 1726.72	4262.70, 1182.26	6.03, 2.69	2.13, 0.81	5.05, 1.46
	MEDIAN	4167.1	5712.9	4527.7	8.3	0.0	1.1
\$50,000 or more	MIN, MAX	1483.4, 8768.1	296.1, 15749.0	296.1, 15749.0	0.5, 13.5	0.0, 5.7	0.0, 13.5
	5%, 95%	1483.4, 8768.1	296.1, 15749.0	296.1, 15749.0	0.5, 13.5	0.0, 5.7	0.0, 13.5
	BLQ Values Included	0	0	0	0	5	5
	N	3	9	12	3	6	9
	MEAN, GEO MEAN	6930.6, 6368.0	5797.8, 4277.8	6081.0, 4725.1	1.0, 0.9	1.7, NA	1.4, NA
	SD, SE	3603.48, 2080.47	5370.44, 1790.15	4857.89, 1402.35	0.55, 0.32	1.44, 0.59	1.21, 0.40
\$50,000 or more	MEDIAN	5545.9	3569.8	4858.6	1.0	1.9	1.6
	MIN, MAX	4224.8, 11021.0	1235.2, 18931.1	1235.2, 18931.1	0.5, 1.6	0.0, 3.6	0.0, 3.6
	5%, 95%	4224.8, 11021.0	1235.2, 18931.1	1235.2, 18931.1	0.5, 1.6	0.0, 3.6	0.0, 3.6
	BLQ Values Included	0	0	0	1	3	4

TABLE 14.4-11
DESCRIPTIVE STATISTICS OF 24-HOUR URINE BIOMARKERS OF EXPOSURE BY TIMEPOINT FOR DEMOGRAPHIC CHARACTERISTIC: ANNUAL HOUSEHOLD INCOME
(Page 107 of 7)

Lab: Harrogate
Biomarker: 3-hydroxycotinine glucuronide (nmol/L)
Timepoint: Week 3

Characteristic	Statistic	Smokers			Non-Smokers		
		Male	Female	Overall	Male	Female	Overall
\$19,999 or less	N	5	3	8	9	4	13
	MEAN, GEO MEAN	9267.0, 3926.9	8795.1, 7848.3	9090.0, 5091.2	2.8, NA	4.3, NA	3.3, NA
	SD, SE	11817.20, 5284.83	4487.12, 2590.64	9252.60, 3271.29	2.56, 0.85	6.98, 3.49	4.13, 1.14
	MEDIAN	6666.6	9836.8	7015.2	2.6	1.3	2.6
	MIN, MAX	278.9, 29731.5	3878.8, 12669.8	278.9, 29731.5	0.0, 8.3	0.0, 14.6	0.0, 14.6
	5%, 95%	278.9, 29731.5	3878.8, 12669.8	278.9, 29731.5	0.0, 8.3	0.0, 14.6	0.0, 14.6
\$20,000 to \$39,999	BLQ Values Included	0	0	0	1	2	3
	N	5	8	13	9	16	25
	MEAN, GEO MEAN	8999.4, 3146.0	10738.5, 6796.8	10069.6, 5054.0	6.8, NA	2.4, NA	4.0, NA
	SD, SE	11847.60, 5298.39	12911.00, 4564.72	12033.30, 3337.45	11.39, 3.80	3.37, 0.84	7.41, 1.48
	MEDIAN	4342.9	5295.1	5248.3	0.0	0.3	0.0
	MIN, MAX	153.5, 29168.5	2131.1, 40612.0	153.5, 40612.0	0.0, 27.6	0.0, 9.9	0.0, 27.6
\$40,000 to \$49,999	5%, 95%	153.5, 29168.5	2131.1, 40612.0	153.5, 40612.0	0.0, 27.6	0.0, 9.9	0.0, 25.0
	BLQ Values Included	0	0	0	4	10	14
	N	5	8	13	6	7	13
	MEAN, GEO MEAN	4277.6, 3772.1	6659.3, 4773.7	5743.2, 4360.3	7.0, 3.4	0.2, NA	3.4, NA
	SD, SE	2268.89, 1014.68	5268.46, 1862.68	4400.21, 1220.40	9.17, 3.74	0.39, 0.15	6.90, 1.91
	MEDIAN	3419.9	4416.6	4334.6	2.9	0.0	0.5
\$50,000 or more	MIN, MAX	1712.8, 7048.5	927.7, 15394.1	927.7, 15394.1	0.5, 24.5	0.0, 1.0	0.0, 24.5
	5%, 95%	1712.8, 7048.5	927.7, 15394.1	927.7, 15394.1	0.5, 24.5	0.0, 1.0	0.0, 24.5
	BLQ Values Included	0	0	0	1	6	7
	N	2	9	11	4	7	11
	MEAN, GEO MEAN	7633.9, 7244.1	5026.5, 4264.4	5500.6, 4695.7	20.7, NA	1.0, NA	8.1, NA
	SD, SE	3406.36, 2407.93	3119.80, 1039.93	3171.53, 956.25	32.41, 16.20	1.91, 0.72	20.41, 6.15
	MEDIAN	7633.9	3904.3	5225.9	7.3	0.0	0.0
	MIN, MAX	5225.9, 10041.8	1603.6, 11018.4	1603.6, 11018.4	0.0, 68.2	0.0, 5.2	0.0, 68.2
	5%, 95%	5225.9, 10041.8	1603.6, 11018.4	1603.6, 11018.4	0.0, 68.2	0.0, 5.2	0.0, 68.2
	BLQ Values Included	0	0	0	2	5	7

TABLE 14.4-11
DESCRIPTIVE STATISTICS OF 24-HOUR URINE BIOMARKERS OF EXPOSURE BY TIMEPOINT FOR DEMOGRAPHIC CHARACTERISTIC: ANNUAL HOUSEHOLD INCOME
(Page 108 of ?)

Lab: Harrogate
Biomarker: 3-hydroxycotinine glucuronide (nmol/L)
Timepoint: Overall*

Characteristic	Statistic	Smokers			Non-Smokers		
		Male	Female	Overall	Male	Female	Overall
\$19,999 or less	N	5	5	10	9	4	13
	MEAN, GEO MEAN	11864.2, 7295.2	6665.4, 4795.8	9264.8, 5914.9	8.6, NA	5.5, NA	7.7, NA
	SD, SE	9202.43, 4115.45	4683.64, 2094.59	7409.12, 2342.97	9.11, 3.04	8.22, 4.11	8.63, 2.39
	MEDIAN	10297.4	5912.2	9457.6	5.7	2.4	5.4
	MIN, MAX	640.7, 25999.9	855.9, 12645.9	640.7, 25999.9	0.0, 28.1	0.0, 17.4	0.0, 28.1
	5%, 95%	640.7, 25999.9	855.9, 12645.9	640.7, 25999.9	0.0, 28.1	0.0, 17.4	0.0, 28.1
\$20,000 to \$39,999	N	5	10	15	10	16	26
	MEAN, GEO MEAN	7371.5, 3204.5	7100.1, 5352.6	7190.6, 4511.3	10.7, 1.9	3.2, NA	6.0, NA
	SD, SE	7714.73, 3450.13	6274.36, 1984.13	6506.16, 1679.88	22.26, 7.04	4.04, 1.01	14.21, 2.79
	MEDIAN	6948.1	4424.9	5668.5	1.4	1.0	1.4
	MIN, MAX	144.5, 19989.6	2693.1, 22446.3	144.5, 22446.3	0.2, 71.1	0.0, 13.2	0.0, 71.1
	5%, 95%	144.5, 19989.6	2693.1, 22446.3	144.5, 22446.3	0.2, 71.1	0.0, 13.2	0.0, 22.2
\$40,000 to \$49,999	N	5	8	13	6	8	14
	MEAN, GEO MEAN	4414.5, 3706.0	6540.9, 4567.6	5723.0, 4214.7	6.5, 4.5	0.9, NA	3.3, NA
	SD, SE	2687.40, 1201.84	4625.93, 1635.51	4006.19, 1111.12	5.87, 2.40	1.06, 0.37	4.72, 1.26
	MEDIAN	3872.8	5138.9	4337.5	3.7	0.6	2.0
	MIN, MAX	1335.8, 8262.5	434.5, 12922.5	434.5, 12922.5	1.8, 15.1	0.0, 2.8	0.0, 15.1
	5%, 95%	1335.8, 8262.5	434.5, 12922.5	434.5, 12922.5	1.8, 15.1	0.0, 2.8	0.0, 15.1
\$50,000 or more	N	3	9	12	5	7	12
	MEAN, GEO MEAN	7178.9, 6858.0	5406.7, 4370.2	5849.7, 4891.3	19.4, NA	1.4, NA	8.9, NA
	SD, SE	2750.51, 1588.01	4009.76, 1336.59	3702.86, 1068.92	35.90, 16.06	1.16, 0.44	23.56, 6.80
	MEDIAN	6106.9	4916.7	5030.1	5.5	1.5	1.6
	MIN, MAX	5125.8, 10304.0	1217.9, 14963.3	1217.9, 14963.3	0.0, 83.3	0.0, 3.0	0.0, 83.3
	5%, 95%	5125.8, 10304.0	1217.9, 14963.3	1217.9, 14963.3	0.0, 83.3	0.0, 3.0	0.0, 83.3

* Overall values calculated by first averaging the results across visits within a subject, then calculating the descriptive statistics across subjects. Count of BLQ values does not apply as the BLQ values were converted to the upper limit of the BLQ (e.g., '<1.234' will be used as '1.234') for the averages across visits within a subject thus eliminating all BLQ values for the overall statistics.

TABLE 14.4-11
DESCRIPTIVE STATISTICS OF 24-HOUR URINE BIOMARKERS OF EXPOSURE BY TIMEPOINT FOR DEMOGRAPHIC CHARACTERISTIC: ANNUAL HOUSEHOLD INCOME
(Page 109 of 7)

Lab: Madison
Biomarker: Total NNAL (pg/24hr)
Timepoint: Week 1

Characteristic	Statistic	Smokers			Non-Smokers		
		Male	Female	Overall	Male	Female	Overall
\$19,999 or less	N	5	5	10	9	4	13
	MEAN, GEO MEAN	1036040.000, 858898.000	952252.000, 627386.000	994146.000, 734071.000	29630.700, 13105.500	11167.500, 10650.200	23949.700, 12295.100
	SD, SE	694086.0000, 310405.0000	854260.0000, 382037.0000	735120.0000, 232465.0000	57377.1000, 19125.7000	4146.8300, 2073.4200	47725.5000, 13236.7000
	MEDIAN	855360.000	934383.000	894872.000	8400.000	9810.000	8400.000
	MIN, MAX	369150.000, 2084332.500	130500.000, 2307613.000	130500.000, 2307613.000	4860.000, 181986.000	8100.000, 16950.000	4860.000, 181986.000
	5%, 95%	369150.000, 2084330.000	130500.000, 2307610.000	130500.000, 2307610.000	4860.000, 181986.000	8100.000, 16950.000	4860.000, 181986.000
	BLQ Values Included	0	0	0	7	4	11
\$20,000 to \$39,999	N	4	10	14	10	16	26
	MEAN, GEO MEAN	483116.000, 186627.000	901995.000, 702372.000	782315.000, 480963.000	11259.800, 8938.130	11457.900, 10323.300	11381.700, 9766.780
	SD, SE	529632.0000, 264816.0000	678440.0000, 214542.0000	649578.0000, 173607.0000	9120.4900, 2884.1500	5237.8400, 1309.4600	6812.9700, 1336.1300
	MEDIAN	341664.000	601004.000	568147.000	7974.000	8940.000	8730.000
	MIN, MAX	8460.000, 1240677.000	237336.000, 2245880.000	8460.000, 2245880.000	3180.000, 33440.000	3420.000, 19500.000	3180.000, 33440.000
	5%, 95%	8460.000, 1240680.000	237336.000, 2245880.000	8460.000, 2245880.000	3180.000, 33440.000	3420.000, 19500.000	3420.000, 19800.000
	BLQ Values Included	1	0	1	8	15	23
\$40,000 to \$49,999	N	5	8	13	6	9	15
	MEAN, GEO MEAN	880608.000, 741192.000	783986.000, 534031.000	821148.000, 605790.000	11310.000, 9643.630	11660.000, 10738.400	11520.000, 10286.300
	SD, SE	484895.0000, 216852.0000	525432.0000, 185768.0000	491746.0000, 136386.0000	6761.7400, 2760.4700	4579.1000, 1526.3700	5323.7500, 1374.5900
	MEDIAN	1087190.000	784931.000	867456.000	8730.000	11880.000	11700.000
	MIN, MAX	253800.000, 1421515.000	37125.000, 1769390.000	37125.000, 1769390.000	3900.000, 20100.000	4800.000, 17400.000	3900.000, 20100.000
	5%, 95%	253800.000, 1421520.000	37125.000, 1769390.000	37125.000, 1769390.000	3900.000, 20100.000	4800.000, 17400.000	3900.000, 20100.000
	BLQ Values Included	0	0	0	6	9	15
\$50,000 or more	N	3	9	12	5	7	12
	MEAN, GEO MEAN	717334.000, 433684.000	939595.000, 650203.000	884030.000, 587598.000	17212.200, 14380.100	12300.000, 11521.000	14346.800, 12635.800
	SD, SE	864574.0000, 499162.0000	603827.0000, 201276.0000	641234.0000, 185108.0000	13709.3000, 6131.0000	4672.3000, 1765.9600	9308.5700, 2687.1500
	MEDIAN	226170.000	883375.000	850600.000	11737.000	11100.000	11658.500
	MIN, MAX	210216.000, 1715616.000	34650.000, 2044035.000	34650.000, 2044035.000	8880.000, 41624.000	5760.000, 20100.000	5760.000, 41624.000
	5%, 95%	210216.000, 1715620.000	34650.000, 2044040.000	34650.000, 2044040.000	8880.000, 41624.000	5760.000, 20100.000	5760.000, 41624.000
	BLQ Values Included	0	0	0	3	7	10

TABLE 14.4-11
DESCRIPTIVE STATISTICS OF 24-HOUR URINE BIOMARKERS OF EXPOSURE BY TIMEPOINT FOR DEMOGRAPHIC CHARACTERISTIC: ANNUAL HOUSEHOLD INCOME
(Page 110 of ?)

Lab: Madison
Biomarker: Total NNAL (pg/24hr)
Timepoint: Week 3

Characteristic	Statistic	Smokers			Non-Smokers		
		Male	Female	Overall	Male	Female	Overall
\$19,999 or less	N	5	4	9	9	4	13
	MEAN, GEO MEAN	945969.000, 795652.000	1005280.000, 727060.000	972329.000, 764402.000	11862.900, 11331.800	32161.300, 25199.700	18108.500, 14491.000
	SD, SE	671809.0000, 300442.0000	753516.0000, 376758.0000	662994.0000, 220998.0000	3819.1300, 1273.0400	22905.7000, 11452.9000	15361.5000, 4260.5000
	MEDIAN	691768.000	946298.000	751560.000	12384.000	32584.500	12450.000
	MIN, MAX	403360.000, 2075948.000	166040.000, 1962480.000	166040.000, 2075948.000	7020.000, 17700.000	10410.000, 53066.000	7020.000, 53066.000
	5%, 95%	403360.000, 2075950.000	166040.000, 1962480.000	166040.000, 2075950.000	7020.000, 17700.000	10410.000, 53066.000	7020.000, 53066.000
	BLQ Values Included	0	0	0	8	2	10
\$20,000 to \$39,999	N	5	8	13	10	16	26
	MEAN, GEO MEAN	560908.000, 183396.000	977172.000, 913455.000	817070.000, 492602.000	11507.000, 9768.910	11725.300, 11016.600	11641.300, 10518.900
	SD, SE	798408.0000, 357059.0000	364032.0000, 128705.0000	578115.0000, 160340.0000	7377.1800, 2332.8700	4320.1100, 1080.0300	5549.9500, 1088.4300
	MEDIAN	284115.000	971596.000	708248.000	9450.000	11233.000	10500.000
	MIN, MAX	6288.000, 1964160.000	490077.000, 1438224.000	6288.000, 1964160.000	4500.000, 28208.000	5940.000, 19740.000	4500.000, 28208.000
	5%, 95%	6288.000, 1964160.000	490077.000, 1438220.000	6288.000, 1964160.000	4500.000, 28208.000	5940.000, 19740.000	4500.000, 19740.000
	BLQ Values Included	1	0	1	9	15	24
\$40,000 to \$49,999	N	5	8	13	6	9	15
	MEAN, GEO MEAN	976932.000, 824333.000	1199880.000, 668707.000	1114130.000, 724744.000	14086.700, 12839.900	14273.300, 12940.900	14198.700, 12900.400
	SD, SE	517736.0000, 231539.0000	1244090.0000, 439852.0000	1002470.0000, 278036.0000	6774.8200, 2765.8100	6874.5500, 2291.5200	6588.3600, 1701.1100
	MEDIAN	1249610.000	982196.000	1036300.000	12300.000	13620.000	12600.000
	MIN, MAX	269330.000, 1430000.000	56730.000, 4046406.000	56730.000, 4046406.000	6660.000, 25620.000	7200.000, 28440.000	6660.000, 28440.000
	5%, 95%	269330.000, 1430000.000	56730.000, 4046410.000	56730.000, 4046410.000	6660.000, 25620.000	7200.000, 28440.000	6660.000, 28440.000
	BLQ Values Included	0	0	0	5	9	14
\$50,000 or more	N	2	9	11	5	7	12
	MEAN, GEO MEAN	428033.000, 421751.000	816936.000, 650308.000	746226.000, 601071.000	21142.000, 14817.700	13542.900, 13303.800	16709.200, 13914.800
	SD, SE	103326.0000, 73062.5000	476468.0000, 158823.0000	455449.0000, 137323.0000	22904.7000, 10243.3000	2711.9100, 1025.0100	14494.7000, 4184.2600
	MEDIAN	428033.000	773024.000	675878.000	10800.000	14160.000	13080.000
	MIN, MAX	354970.000, 501095.000	97520.000, 1625355.000	97520.000, 1625355.000	6480.000, 61490.000	9660.000, 17400.000	6480.000, 61490.000
	5%, 95%	354970.000, 501095.000	97520.000, 1625360.000	97520.000, 1625360.000	6480.000, 61490.000	9660.000, 17400.000	6480.000, 61490.000
	BLQ Values Included	0	0	0	4	7	11

TABLE 14.4-11
DESCRIPTIVE STATISTICS OF 24-HOUR URINE BIOMARKERS OF EXPOSURE BY TIMEPOINT FOR DEMOGRAPHIC CHARACTERISTIC: ANNUAL HOUSEHOLD INCOME
(Page 111 of ?)

Lab: Madison
Biomarker: Total NNAL (pg/24hr)
Timepoint: Overall*

Characteristic	Statistic	Smokers			Non-Smokers		
		Male	Female	Overall	Male	Female	Overall
\$19,999 or less	N	5	5	10	9	4	13
	MEAN, GEO MEAN	991005.000, 833715.000	910701.000, 625191.000	950853.000, 721964.000	20746.800, 13474.200	21664.400, 18778.200	21029.100, 14923.000
	SD, SE	676759.0000, 302656.0000	785053.0000, 351086.0000	692288.0000, 218921.0000	28982.7000, 9660.9100	12358.7000, 6179.3600	24461.8000, 6784.4700
	MEDIAN	773564.000	842972.000	808268.000	9525.000	21734.000	10182.000
	MIN, MAX	454940.000, 2080140.000	148270.000, 2135050.000	148270.000, 2135050.000	6720.000, 97218.000	9315.000, 33874.500	6720.000, 97218.000
	5%, 95%	454940.000, 2080140.000	148270.000, 2135050.000	148270.000, 2135050.000	6720.000, 97218.000	9315.000, 33874.500	6720.000, 97218.000
\$20,000 to \$39,999	N	5	10	15	10	16	26
	MEAN, GEO MEAN	502112.000, 197038.000	885545.000, 760219.000	757734.000, 484703.000	11383.400, 9459.240	11591.600, 10929.100	11511.500, 10338.500
	SD, SE	630728.0000, 282070.0000	490491.0000, 155107.0000	550751.0000, 142203.0000	7747.1700, 2449.8700	4216.7700, 1054.1900	5682.0900, 1114.3500
	MEDIAN	284115.000	820337.000	618840.000	8302.500	9921.500	9591.500
	MIN, MAX	7374.000, 1602420.000	254736.000, 1824610.000	7374.000, 1824610.000	3840.000, 26095.000	6400.000, 19224.000	3840.000, 26095.000
	5%, 95%	7374.000, 1602420.000	254736.000, 1824610.000	7374.000, 1824610.000	3840.000, 26095.000	6400.000, 19224.000	4590.000, 24004.000
\$40,000 to \$49,999	N	5	8	13	6	9	15
	MEAN, GEO MEAN	928770.000, 809406.000	991934.000, 630117.000	967640.000, 693819.000	12698.300, 11305.200	12966.700, 11901.100	12859.300, 11659.100
	SD, SE	431922.0000, 193162.0000	756010.0000, 267290.0000	629773.0000, 174668.0000	6651.2400, 2715.3600	5540.2200, 1846.7400	5775.6000, 1491.2500
	MEDIAN	924917.000	939037.000	924917.000	10485.000	12660.000	12330.000
	MIN, MAX	261565.000, 1335560.000	46927.500, 2468210.000	46927.500, 2468210.000	5280.000, 22860.000	6450.000, 22920.000	5280.000, 22920.000
	5%, 95%	261565.000, 1335560.000	46927.500, 2468210.000	46927.500, 2468210.000	5280.000, 22860.000	6450.000, 22920.000	5280.000, 22920.000
\$50,000 or more	N	3	9	12	5	7	12
	MEAN, GEO MEAN	787282.000, 561781.000	878266.000, 664882.000	855320.000, 637456.000	19177.100, 14961.700	12921.400, 12495.000	15528.000, 13469.100
	SD, SE	804623.0000, 464549.0000	523904.0000, 174635.0000	564822.0000, 163050.0000	18161.8000, 8122.2100	3535.4100, 1336.2600	11710.7000, 3380.5800
	MEDIAN	355656.000	843199.000	778621.000	11520.000	11790.000	11655.000
	MIN, MAX	290570.000, 1715620.000	66085.000, 1729980.000	66085.000, 1729980.000	9030.000, 51557.000	7710.000, 18000.000	7710.000, 51557.000
	5%, 95%	290570.000, 1715620.000	66085.000, 1729980.000	66085.000, 1729980.000	9030.000, 51557.000	7710.000, 18000.000	7710.000, 51557.000

* Overall values calculated by first averaging the results across visits within a subject, then calculating the descriptive statistics across subjects. Count of BLQ values does not apply as the BLQ values were converted to the upper limit of the BLQ (e.g., '<1.234' will be used as '1.234') for the averages across visits within a subject thus eliminating all BLQ values for the overall statistics.

TABLE 14.4-11
DESCRIPTIVE STATISTICS OF 24-HOUR URINE BIOMARKERS OF EXPOSURE BY TIMEPOINT FOR DEMOGRAPHIC CHARACTERISTIC: ANNUAL HOUSEHOLD INCOME
(Page 112 of ?)

Lab: Madison
Biomarker: Total NNAL (pmol/24hr)
Timepoint: Week 1

Characteristic	Statistic	Smokers			Non-Smokers		
		Male	Female	Overall	Male	Female	Overall
\$19,999 or less	N	5	5	10	9	4	13
	MEAN, GEO MEAN	4952.280, 4105.530	4551.760, 2998.910	4752.020, 3508.860	141.634, 62.644	53.381, 50.908	114.479, 58.770
	SD, SE	3317.7300, 1483.7300	4083.3600, 1826.1900	3513.8700, 1111.1800	274.2630, 91.4209	19.8218, 9.9109	228.1280, 63.2713
	MEDIAN	4088.620	4466.350	4277.490	40.152	46.892	40.152
	MIN, MAX	1764.537, 9963.109	623.790, 11030.390	623.790, 11030.390	23.231, 869.893	38.718, 81.021	23.231, 869.893
	5%, 95%	1764.540, 9963.110	623.790, 11030.400	623.790, 11030.400	23.231, 869.893	38.718, 81.021	23.231, 869.893
	BLQ Values Included	0	0	0	7	4	11
\$20,000 to \$39,999	N	4	10	14	10	16	26
	MEAN, GEO MEAN	2309.290, 892.077	4311.540, 3357.340	3739.470, 2299.010	53.822, 42.724	54.769, 49.345	54.404, 46.685
	SD, SE	2531.6400, 1265.8200	3242.9400, 1025.5100	3104.9800, 829.8420	43.5960, 13.7863	25.0363, 6.2592	32.5660, 6.3867
	MEDIAN	1633.150	2872.800	2715.740	38.116	42.734	41.730
	MIN, MAX	40.439, 5930.436	1134.466, 10735.306	40.439, 10735.306	15.200, 159.843	16.348, 93.210	15.200, 159.843
	5%, 95%	40.439, 5930.440	1134.470, 10735.300	40.439, 10735.300	15.200, 159.843	16.348, 93.210	16.348, 94.644
	BLQ Values Included	1	0	1	8	15	23
\$40,000 to \$49,999	N	5	8	13	6	9	15
	MEAN, GEO MEAN	4209.300, 3542.900	3747.450, 2552.670	3925.090, 2895.680	54.062, 46.097	55.735, 51.329	55.066, 49.169
	SD, SE	2317.8000, 1036.5500	2511.5700, 887.9720	2350.5500, 651.9240	32.3211, 13.1950	21.8881, 7.2950	25.4475, 6.5705
	MEDIAN	5196.740	3751.970	4146.440	41.730	56.786	55.926
	MIN, MAX	1213.164, 6794.842	177.458, 8457.684	177.458, 8457.684	18.642, 96.078	22.944, 83.172	18.642, 96.078
	5%, 95%	1213.160, 6794.840	177.458, 8457.680	177.458, 8457.680	18.642, 96.078	22.944, 83.172	18.642, 96.078
	BLQ Values Included	0	0	0	6	9	15
\$50,000 or more	N	3	9	12	5	7	12
	MEAN, GEO MEAN	3428.860, 2073.010	4491.270, 3107.970	4225.660, 2808.720	82.274, 68.736	58.794, 55.070	68.578, 60.399
	SD, SE	4132.6700, 2386.0000	2886.2900, 962.0980	3065.1000, 884.8170	65.5309, 29.3063	22.3335, 8.4413	44.4950, 12.8446
	MEDIAN	1081.090	4222.530	4065.870	56.103	53.058	55.728
	MIN, MAX	1004.832, 8200.644	165.627, 9770.487	165.627, 9770.487	42.446, 198.963	27.533, 96.078	27.533, 198.963
	5%, 95%	1004.830, 8200.640	165.627, 9770.490	165.627, 9770.490	42.446, 198.963	27.533, 96.078	27.533, 198.963
	BLQ Values Included	0	0	0	3	7	10

TABLE 14.4-11
DESCRIPTIVE STATISTICS OF 24-HOUR URINE BIOMARKERS OF EXPOSURE BY TIMEPOINT FOR DEMOGRAPHIC CHARACTERISTIC: ANNUAL HOUSEHOLD INCOME
(Page 113 of 7)

Lab: Madison
Biomarker: Total NNAL (pmol/24hr)
Timepoint: Week 3

Characteristic	Statistic	Smokers			Non-Smokers		
		Male	Female	Overall	Male	Female	Overall
\$19,999 or less	N	5	4	9	9	4	13
	MEAN, GEO MEAN	4521.730, 3803.220	4805.230, 3475.350	4647.730, 3653.840	56.705, 54.166	153.731, 120.455	86.559, 69.267
	SD, SE	3211.2500, 1436.1100	3601.8100, 1800.9000	3169.1100, 1056.3700	18.2555, 6.0852	109.4890, 54.7445	73.4276, 20.3652
	MEDIAN	3306.650	4523.310	3592.460	59.196	155.754	59.511
	MIN, MAX	1928.061, 9923.031	793.671, 9380.654	793.671, 9923.031	33.556, 84.606	49.760, 253.655	33.556, 253.655
	5%, 95%	1928.060, 9923.030	793.671, 9380.650	793.671, 9923.030	33.556, 84.606	49.760, 253.655	33.556, 253.655
	BLQ Values Included	0	0	0	8	2	10
\$20,000 to \$39,999	N	5	8	13	10	16	26
	MEAN, GEO MEAN	2681.140, 876.635	4670.880, 4366.320	3905.600, 2354.640	55.003, 46.695	56.047, 52.659	55.645, 50.280
	SD, SE	3816.3900, 1706.7400	1740.0700, 615.2080	2763.3900, 766.4270	35.2629, 11.1511	20.6501, 5.1625	26.5287, 5.2027
	MEDIAN	1358.070	4644.230	3385.420	45.171	53.694	50.190
	MIN, MAX	30.057, 9388.685	2342.568, 6874.711	30.057, 9388.685	21.510, 134.834	28.393, 94.357	21.510, 134.834
	5%, 95%	30.057, 9388.690	2342.570, 6874.710	30.057, 9388.690	21.510, 134.834	28.393, 94.357	21.510, 94.357
	BLQ Values Included	1	0	1	9	15	24
\$40,000 to \$49,999	N	5	8	13	6	9	15
	MEAN, GEO MEAN	4669.730, 3940.310	5735.430, 3196.420	5325.550, 3464.280	67.334, 61.375	68.227, 61.857	67.870, 61.664
	SD, SE	2474.7800, 1106.7500	5946.7500, 2102.4900	4791.8300, 1329.0100	32.3837, 13.2206	32.8603, 10.9534	31.4924, 8.1313
	MEDIAN	5973.110	4694.900	4953.510	58.794	65.104	60.228
	MIN, MAX	1287.397, 6835.400	271.169, 19341.821	271.169, 19341.821	31.835, 122.464	34.416, 135.943	31.835, 135.943
	5%, 95%	1287.400, 6835.400	271.169, 19341.800	271.169, 19341.800	31.835, 122.464	34.416, 135.943	31.835, 135.943
	BLQ Values Included	0	0	0	5	9	14
\$50,000 or more	N	2	9	11	5	7	12
	MEAN, GEO MEAN	2046.000, 2015.970	3904.950, 3108.470	3566.960, 2873.120	101.059, 70.828	64.735, 63.592	79.870, 66.513
	SD, SE	493.8980, 349.2390	2277.5100, 759.1720	2177.0500, 656.4040	109.4840, 48.9629	12.9629, 4.8995	69.2846, 20.0007
	MEDIAN	2046.000	3695.060	3230.690	51.624	67.685	62.523
	MIN, MAX	1696.757, 2395.234	466.146, 7769.197	466.146, 7769.197	30.974, 293.922	46.175, 83.172	30.974, 293.922
	5%, 95%	1696.760, 2395.230	466.146, 7769.200	466.146, 7769.200	30.974, 293.922	46.175, 83.172	30.974, 293.922
	BLQ Values Included	0	0	0	4	7	11

TABLE 14.4-11
DESCRIPTIVE STATISTICS OF 24-HOUR URINE BIOMARKERS OF EXPOSURE BY TIMEPOINT FOR DEMOGRAPHIC CHARACTERISTIC: ANNUAL HOUSEHOLD INCOME
(Page 114 of ?)

Lab: Madison
Biomarker: Total NNAL (pmol/24hr)
Timepoint: Overall*

Characteristic	Statistic	Smokers			Non-Smokers		
		Male	Female	Overall	Male	Female	Overall
\$19,999 or less	N	5	5	10	9	4	13
	MEAN, GEO MEAN	4737.000, 3985.160	4353.140, 2988.410	4545.070, 3450.980	99.170, 64.407	103.556, 89.760	100.519, 71.333
	SD, SE	3234.9100, 1446.6900	3752.5400, 1678.1800	3309.1300, 1046.4400	138.5370, 46.1791	59.0744, 29.5372	116.9270, 32.4297
	MEDIAN	3697.640	4029.400	3863.520	45.530	103.889	48.670
	MIN, MAX	2174.610, 9943.070	708.731, 10205.500	708.731, 10205.500	32.122, 464.702	44.526, 161.920	32.122, 464.702
	5%, 95%	2174.610, 9943.070	708.731, 10205.500	708.731, 10205.500	32.122, 464.702	44.526, 161.920	32.122, 464.702
\$20,000 to \$39,999	N	5	10	15	10	16	26
	MEAN, GEO MEAN	2400.100, 941.844	4232.910, 3633.850	3621.970, 2316.880	54.413, 45.215	55.408, 52.242	55.025, 49.418
	SD, SE	3014.8700, 1348.2900	2344.5500, 741.4110	2632.5900, 679.7310	37.0315, 11.7104	20.1562, 5.0391	27.1604, 5.3266
	MEDIAN	1358.070	3921.210	2958.060	39.686	47.425	45.848
	MIN, MAX	35.248, 7659.560	1217.640, 8721.660	35.248, 8721.660	18.355, 124.734	30.592, 91.891	18.355, 124.734
	5%, 95%	35.248, 7659.560	1217.640, 8721.660	35.248, 8721.660	18.355, 124.734	30.592, 91.891	21.940, 114.739
\$40,000 to \$49,999	N	5	8	13	6	9	15
	MEAN, GEO MEAN	4439.520, 3868.960	4741.440, 3011.960	4625.320, 3316.450	60.698, 54.040	61.981, 56.888	61.468, 55.731
	SD, SE	2064.5900, 923.3130	3613.7100, 1277.6400	3010.3000, 834.9080	31.7927, 12.9793	26.4822, 8.8274	27.6073, 7.1282
	MEDIAN	4421.100	4488.600	4421.100	50.119	60.515	58.937
	MIN, MAX	1250.280, 6383.980	224.314, 11798.000	224.314, 11798.000	25.239, 109.271	30.831, 109.558	25.239, 109.558
	5%, 95%	1250.280, 6383.980	224.314, 11798.000	224.314, 11798.000	25.239, 109.271	30.831, 109.558	25.239, 109.558
\$50,000 or more	N	3	9	12	5	7	12
	MEAN, GEO MEAN	3763.200, 2685.310	4198.110, 3178.140	4089.380, 3047.040	91.667, 71.517	61.765, 59.726	74.224, 64.382
	SD, SE	3846.0800, 2220.5400	2504.2600, 834.7520	2699.8400, 779.3780	86.8138, 38.8243	16.8992, 6.3873	55.9772, 16.1592
	MEDIAN	1700.030	4030.490	3721.810	55.066	56.357	55.712
	MIN, MAX	1388.930, 8200.640	315.887, 8269.300	315.887, 8269.300	43.163, 246.443	36.854, 86.040	36.854, 246.443
	5%, 95%	1388.930, 8200.640	315.887, 8269.300	315.887, 8269.300	43.163, 246.443	36.854, 86.040	36.854, 246.443

* Overall values calculated by first averaging the results across visits within a subject, then calculating the descriptive statistics across subjects. Count of BLQ values does not apply as the BLQ values were converted to the upper limit of the BLQ (e.g., '<1.234' will be used as '1.234') for the averages across visits within a subject thus eliminating all BLQ values for the overall statistics.

TABLE 14.4-11
DESCRIPTIVE STATISTICS OF 24-HOUR URINE BIOMARKERS OF EXPOSURE BY TIMEPOINT FOR DEMOGRAPHIC CHARACTERISTIC: ANNUAL HOUSEHOLD INCOME
(Page 115 of 7)

Lab: Madison
Biomarker: Total NNAL (pg/mg Creatinin)
Timepoint: Week 1

Characteristic	Statistic	Smokers			Non-Smokers		
		Male	Female	Overall	Male	Female	Overall
\$19,999 or less	N	5	5	10	9	4	13
	MEAN, GEO MEAN	930.221, 599.263	731.691, 465.121	830.956, 527.949	20.307, 7.438	10.000, 9.738	17.135, 8.081
	SD, SE	971.7110, 434.5620	757.6690, 338.8400	828.0950, 261.8670	43.1184, 14.3728	2.6810, 1.3405	35.5778, 9.8675
	MEDIAN	694.286	607.673	650.980	4.418	9.636	8.235
	MIN, MAX	171.738, 2575.145	117.801, 2010.238	117.801, 2575.145	2.683, 134.956	7.151, 13.575	2.683, 134.956
	5%, 95%	171.738, 2575.150	117.801, 2010.240	117.801, 2575.150	2.683, 134.956	7.151, 13.575	2.683, 134.956
\$20,000 to \$39,999	BLQ Values Included	0	0	0	7	4	11
	N	4	10	14	10	16	26
	MEAN, GEO MEAN	403.047, 157.377	893.897, 748.250	753.654, 479.278	6.101, 4.863	9.776, 8.571	8.363, 6.892
	SD, SE	458.5570, 229.2790	518.5700, 163.9860	536.3290, 143.3400	4.5230, 1.4303	4.6951, 1.1738	4.8904, 0.9591
	MEDIAN	269.485	776.249	606.687	4.402	9.059	8.222
	MIN, MAX	7.958, 1065.261	216.822, 1754.082	7.958, 1754.082	1.932, 15.856	2.285, 18.634	1.932, 18.634
\$40,000 to \$49,999	5%, 95%	7.958, 1065.260	216.822, 1754.080	7.958, 1754.080	1.932, 15.856	2.285, 18.634	2.103, 16.086
	BLQ Values Included	1	0	1	8	15	23
	N	5	8	13	6	9	15
	MEAN, GEO MEAN	611.838, 551.494	622.275, 418.921	618.261, 465.649	6.748, 5.634	11.129, 10.529	9.376, 8.199
	SD, SE	287.1410, 128.4130	414.0900, 146.4030	357.1210, 99.0477	4.6700, 1.9065	3.9383, 1.3128	4.6462, 1.1996
	MEDIAN	675.795	599.305	605.696	4.881	9.600	9.585
\$50,000 or more	MIN, MAX	291.022, 942.857	30.892, 1260.384	30.892, 1260.384	2.973, 14.815	5.381, 17.699	2.973, 17.699
	5%, 95%	291.022, 942.857	30.892, 1260.380	30.892, 1260.380	2.973, 14.815	5.381, 17.699	2.973, 17.699
	BLQ Values Included	0	0	0	6	9	15
	N	3	9	12	5	7	12
	MEAN, GEO MEAN	475.825, 353.427	871.005, 545.967	772.210, 489.722	10.205, 8.153	9.189, 8.580	9.612, 8.400
	SD, SE	434.4710, 250.8420	705.3390, 235.1130	654.2820, 188.8750	8.8414, 3.9540	3.3353, 1.2606	5.8963, 1.7021
	MEDIAN	314.676	680.734	656.895	6.018	9.509	8.416
	MIN, MAX	144.953, 967.847	18.519, 2476.718	18.519, 2476.718	4.845, 25.707	3.883, 13.605	3.883, 25.707
	5%, 95%	144.953, 967.847	18.519, 2476.720	18.519, 2476.720	4.845, 25.707	3.883, 13.605	3.883, 25.707
	BLQ Values Included	0	0	0	3	7	10

TABLE 14.4-11
DESCRIPTIVE STATISTICS OF 24-HOUR URINE BIOMARKERS OF EXPOSURE BY TIMEPOINT FOR DEMOGRAPHIC CHARACTERISTIC: ANNUAL HOUSEHOLD INCOME
(Page 116 of 7)

Lab: Madison
Biomarker: Total NNAL (pg/mg Creatinin)
Timepoint: Week 3

Characteristic	Statistic	Smokers			Non-Smokers		
		Male	Female	Overall	Male	Female	Overall
\$19,999 or less	N	5	4	9	9	4	13
	MEAN, GEO MEAN	686.771, 559.621	835.525, 597.740	752.884, 576.253	7.151, 6.729	30.909, 25.866	14.461, 10.184
	SD, SE	419.7770, 187.7300	799.4000, 399.7000	577.8350, 192.6120	2.8219, 0.9406	19.9749, 9.9875	15.3402, 4.2546
	MEDIAN	822.028	570.966	580.983	6.270	28.039	7.605
	MIN, MAX	204.959, 1179.847	195.387, 2004.781	195.387, 2004.781	4.252, 13.363	13.793, 53.767	4.252, 53.767
	5%, 95%	204.959, 1179.850	195.387, 2004.780	195.387, 2004.780	4.252, 13.363	13.793, 53.767	4.252, 53.767
	BLQ Values Included	0	0	0	8	2	10
\$20,000 to \$39,999	N	5	8	13	10	16	26
	MEAN, GEO MEAN	391.859, 150.484	894.071, 857.985	700.912, 439.253	6.519, 5.459	12.658, 10.490	10.297, 8.159
	SD, SE	498.0140, 222.7190	263.4530, 93.1447	433.3950, 120.2020	4.2474, 1.3431	8.2815, 2.0704	7.5446, 1.4796
	MEDIAN	261.576	875.069	788.146	5.092	10.098	8.032
	MIN, MAX	5.525, 1261.017	534.649, 1241.547	5.525, 1261.017	2.158, 15.074	3.259, 30.000	2.158, 30.000
	5%, 95%	5.525, 1261.020	534.649, 1241.550	5.525, 1261.020	2.158, 15.074	3.259, 30.000	2.796, 29.412
	BLQ Values Included	1	0	1	9	15	24
\$40,000 to \$49,999	N	5	8	13	6	9	15
	MEAN, GEO MEAN	593.686, 506.846	815.509, 518.351	730.192, 513.895	6.542, 5.709	11.415, 10.333	9.466, 8.150
	SD, SE	316.0140, 141.3260	695.0950, 245.7530	572.4910, 158.7810	3.6337, 1.4835	5.5626, 1.8542	5.3388, 1.3785
	MEDIAN	579.054	735.854	579.054	5.370	9.983	9.259
	MIN, MAX	163.776, 1011.029	56.481, 2275.640	56.481, 2275.640	2.413, 11.765	5.464, 22.901	2.413, 22.901
	5%, 95%	163.776, 1011.030	56.481, 2275.640	56.481, 2275.640	2.413, 11.765	5.464, 22.901	2.413, 22.901
	BLQ Values Included	0	0	0	5	9	14
\$50,000 or more	N	2	9	11	5	7	12
	MEAN, GEO MEAN	352.547, 351.346	791.499, 563.290	711.690, 516.964	12.891, 8.627	10.603, 10.321	11.556, 9.578
	SD, SE	41.1197, 29.0760	629.4240, 209.8080	590.4560, 178.0290	12.7898, 5.7198	2.7117, 1.0249	8.0550, 2.3253
	MEDIAN	352.547	592.083	494.720	11.257	10.519	10.519
	MIN, MAX	323.471, 381.623	65.031, 2024.775	65.031, 2024.775	2.923, 34.375	8.021, 14.320	2.923, 34.375
	5%, 95%	323.471, 381.623	65.031, 2024.780	65.031, 2024.780	2.923, 34.375	8.021, 14.320	2.923, 34.375
	BLQ Values Included	0	0	0	4	7	11

TABLE 14.4-11
DESCRIPTIVE STATISTICS OF 24-HOUR URINE BIOMARKERS OF EXPOSURE BY TIMEPOINT FOR DEMOGRAPHIC CHARACTERISTIC: ANNUAL HOUSEHOLD INCOME
(Page 117 of ?)

Lab: Madison
Biomarker: Total NNAL (pg/mg Creatinin)
Timepoint: Overall*

Characteristic	Statistic	Smokers			Non-Smokers		
		Male	Female	Overall	Male	Female	Overall
\$19,999 or less	N	5	5	10	9	4	13
	MEAN, GEO MEAN	808.497, 594.711	721.375, 479.203	764.936, 533.842	13.729, 8.133	20.455, 18.562	15.798, 10.484
	SD, SE	671.9010, 300.4830	750.9900, 335.8530	673.3600, 212.9350	21.4010, 7.1337	9.9557, 4.9779	18.4541, 5.1182
	MEDIAN	812.231	584.311	614.787	6.904	19.934	7.920
	MIN, MAX	234.291, 1877.500	156.594, 2007.510	156.594, 2007.510	3.508, 70.371	11.491, 30.459	3.508, 70.371
	5%, 95%	234.291, 1877.500	156.594, 2007.510	156.594, 2007.510	3.508, 70.371	11.491, 30.459	3.508, 70.371
\$20,000 to \$39,999	N	5	10	15	10	16	26
	MEAN, GEO MEAN	372.279, 153.912	903.122, 781.070	726.174, 454.518	6.310, 5.287	11.218, 9.819	9.330, 7.739
	SD, SE	455.2770, 203.6060	465.5990, 147.2350	515.4380, 133.0850	3.9158, 1.2386	5.8193, 1.4548	5.6364, 1.1054
	MEDIAN	257.440	804.203	663.650	4.662	9.747	8.111
	MIN, MAX	6.742, 1163.140	216.822, 1754.080	6.742, 1754.080	2.131, 12.631	3.634, 23.043	2.131, 23.043
	5%, 95%	6.742, 1163.140	216.822, 1754.080	6.742, 1754.080	2.131, 12.631	3.634, 23.043	2.364, 19.673
\$40,000 to \$49,999	N	5	8	13	6	9	15
	MEAN, GEO MEAN	602.762, 538.778	718.393, 482.397	674.227, 503.348	6.645, 5.711	11.272, 10.509	9.421, 8.234
	SD, SE	288.7820, 129.1470	482.6690, 170.6490	408.8460, 113.3940	4.0167, 1.6398	4.5733, 1.5244	4.8186, 1.2442
	MEDIAN	570.938	675.828	575.878	5.126	10.432	9.792
	MIN, MAX	227.399, 976.943	43.687, 1440.670	43.687, 1440.670	2.693, 12.498	5.423, 20.300	2.693, 20.300
	5%, 95%	227.399, 976.943	43.687, 1440.670	43.687, 1440.670	2.693, 12.498	5.423, 20.300	2.693, 20.300
\$50,000 or more	N	3	9	12	5	7	12
	MEAN, GEO MEAN	516.736, 433.221	831.252, 569.893	752.623, 532.136	11.548, 8.686	9.896, 9.601	10.584, 9.209
	SD, SE	391.6680, 226.1290	660.4000, 220.1330	604.4080, 174.4780	10.7112, 4.7902	2.5243, 0.9541	6.7763, 1.9562
	MEDIAN	319.074	633.877	583.967	8.219	9.945	9.533
	MIN, MAX	263.288, 967.847	41.775, 2250.750	41.775, 2250.750	4.109, 30.041	6.063, 13.397	4.109, 30.041
	5%, 95%	263.288, 967.847	41.775, 2250.750	41.775, 2250.750	4.109, 30.041	6.063, 13.397	4.109, 30.041

*Overall values calculated by first averaging the results across visits within a subject, then calculating the descriptive statistics across subjects. Count of BLQ values does not apply as the BLQ values were converted to the upper limit of the BLQ (e.g., '<1.234' will be used as '1.234') for the averages across visits within a subject thus eliminating all BLQ values for the overall statistics.

TABLE 14.4-11
DESCRIPTIVE STATISTICS OF 24-HOUR URINE BIOMARKERS OF EXPOSURE BY TIMEPOINT FOR DEMOGRAPHIC CHARACTERISTIC: ANNUAL HOUSEHOLD INCOME
(Page 118 of 7)

Lab: Madison
Biomarker: Total NNAL (pmol/mg Creatin)
Timepoint: Week 1

Characteristic	Statistic	Smokers			Non-Smokers		
		Male	Female	Overall	Male	Female	Overall
\$19,999 or less	N	5	5	10	9	4	13
	MEAN, GEO MEAN	4.447, 2.865	3.498, 2.223	3.972, 2.524	0.097, 0.036	0.048, 0.046	0.082, 0.039
	SD, SE	4.6446, 2.0771	3.6217, 1.6197	3.9582, 1.2517	0.2061, 0.0687	0.0129, 0.0065	0.1700, 0.0472
	MEDIAN	3.319	2.905	3.112	0.021	0.046	0.039
	MIN, MAX	0.821, 12.309	0.563, 9.609	0.563, 12.309	0.013, 0.645	0.034, 0.065	0.013, 0.645
	5%, 95%	0.821, 12.309	0.563, 9.609	0.563, 12.309	0.013, 0.645	0.034, 0.065	0.013, 0.645
	BLQ Values Included	0	0	0	7	4	11
\$20,000 to \$39,999	N	4	10	14	10	16	26
	MEAN, GEO MEAN	1.927, 0.752	4.273, 3.576	3.602, 2.291	0.029, 0.023	0.047, 0.041	0.040, 0.033
	SD, SE	2.1920, 1.0960	2.4789, 0.7839	2.5638, 0.6852	0.0217, 0.0069	0.0224, 0.0056	0.0234, 0.0046
	MEDIAN	1.288	3.711	2.900	0.021	0.044	0.039
	MIN, MAX	0.038, 5.092	1.036, 8.385	0.038, 8.385	0.009, 0.076	0.011, 0.089	0.009, 0.089
	5%, 95%	0.038, 5.092	1.036, 8.385	0.038, 8.385	0.009, 0.076	0.011, 0.089	0.010, 0.077
	BLQ Values Included	1	0	1	8	15	23
\$40,000 to \$49,999	N	5	8	13	6	9	15
	MEAN, GEO MEAN	2.925, 2.636	2.975, 2.003	2.955, 2.226	0.032, 0.027	0.053, 0.050	0.045, 0.039
	SD, SE	1.3726, 0.6139	1.9792, 0.6998	1.7070, 0.4734	0.0224, 0.0092	0.0189, 0.0063	0.0223, 0.0058
	MEDIAN	3.230	2.865	2.895	0.024	0.046	0.046
	MIN, MAX	1.391, 4.507	0.148, 6.025	0.148, 6.025	0.014, 0.071	0.026, 0.085	0.014, 0.085
	5%, 95%	1.391, 4.507	0.148, 6.025	0.148, 6.025	0.014, 0.071	0.026, 0.085	0.014, 0.085
	BLQ Values Included	0	0	0	6	9	15
\$50,000 or more	N	3	9	12	5	7	12
	MEAN, GEO MEAN	2.274, 1.689	4.163, 2.611	3.691, 2.342	0.049, 0.039	0.044, 0.041	0.046, 0.040
	SD, SE	2.0766, 1.1989	3.3715, 1.1238	3.1275, 0.9028	0.0423, 0.0189	0.0159, 0.0060	0.0282, 0.0081
	MEDIAN	1.504	3.254	3.140	0.029	0.043	0.040
	MIN, MAX	0.693, 4.626	0.089, 11.839	0.089, 11.839	0.023, 0.123	0.019, 0.065	0.019, 0.123
	5%, 95%	0.693, 4.626	0.089, 11.839	0.089, 11.839	0.023, 0.123	0.019, 0.065	0.019, 0.123
	BLQ Values Included	0	0	0	3	7	10

TABLE 14.4-11
DESCRIPTIVE STATISTICS OF 24-HOUR URINE BIOMARKERS OF EXPOSURE BY TIMEPOINT FOR DEMOGRAPHIC CHARACTERISTIC: ANNUAL HOUSEHOLD INCOME
(Page 119 of 7)

Lab: Madison
Biomarker: Total NNAL (pmol/mg Creatin)
Timepoint: Week 3

Characteristic	Statistic	Smokers			Non-Smokers		
		Male	Female	Overall	Male	Female	Overall
\$19,999 or less	N	5	4	9	9	4	13
	MEAN, GEO MEAN	3.283, 2.675	3.994, 2.857	3.599, 2.755	0.034, 0.032	0.148, 0.124	0.069, 0.049
	SD, SE	2.0065, 0.8973	3.8212, 1.9106	2.7621, 0.9207	0.0135, 0.0045	0.0956, 0.0478	0.0734, 0.0203
	MEDIAN	3.929	2.729	2.777	0.030	0.134	0.036
	MIN, MAX	0.980, 5.640	0.934, 9.583	0.934, 9.583	0.020, 0.064	0.066, 0.257	0.020, 0.257
	5%, 95%	0.980, 5.640	0.934, 9.583	0.934, 9.583	0.020, 0.064	0.066, 0.257	0.020, 0.257
\$20,000 to \$39,999	BLQ Values Included	0	0	0	8	2	10
	N	5	8	13	10	16	26
	MEAN, GEO MEAN	1.873, 0.717	4.274, 4.101	3.350, 2.097	0.031, 0.026	0.061, 0.050	0.049, 0.039
	SD, SE	2.3808, 1.0647	1.2592, 0.4452	2.0717, 0.5746	0.0203, 0.0064	0.0395, 0.0099	0.0360, 0.0071
	MEDIAN	1.250	4.183	3.767	0.024	0.049	0.039
	MIN, MAX	0.026, 6.028	2.556, 5.935	0.026, 6.028	0.010, 0.072	0.016, 0.143	0.010, 0.143
\$40,000 to \$49,999	5%, 95%	0.026, 6.028	2.556, 5.935	0.026, 6.028	0.010, 0.072	0.016, 0.143	0.013, 0.141
	BLQ Values Included	1	0	1	9	15	24
	N	5	8	13	6	9	15
	MEAN, GEO MEAN	2.838, 2.423	3.898, 2.478	3.490, 2.456	0.032, 0.028	0.055, 0.050	0.045, 0.039
	SD, SE	1.5106, 0.6756	3.3227, 1.1748	2.7366, 0.7590	0.0172, 0.0070	0.0265, 0.0088	0.0254, 0.0066
	MEDIAN	2.768	3.518	2.768	0.026	0.048	0.044
\$50,000 or more	MIN, MAX	0.783, 4.833	0.270, 10.878	0.270, 10.878	0.012, 0.056	0.026, 0.109	0.012, 0.109
	5%, 95%	0.783, 4.833	0.270, 10.878	0.270, 10.878	0.012, 0.056	0.026, 0.109	0.012, 0.109
	BLQ Values Included	0	0	0	5	9	14
	N	2	9	11	5	7	12
	MEAN, GEO MEAN	1.685, 1.679	3.783, 2.693	3.402, 2.471	0.062, 0.041	0.051, 0.049	0.055, 0.046
	SD, SE	0.1966, 0.1390	3.0085, 1.0028	2.8223, 0.8510	0.0610, 0.0273	0.0130, 0.0049	0.0384, 0.0111
	MEDIAN	1.685	2.830	2.365	0.054	0.050	0.051
	MIN, MAX	1.546, 1.824	0.311, 9.678	0.311, 9.678	0.014, 0.164	0.038, 0.068	0.014, 0.164
	5%, 95%	1.546, 1.824	0.311, 9.678	0.311, 9.678	0.014, 0.164	0.038, 0.068	0.014, 0.164
	BLQ Values Included	0	0	0	4	7	11

TABLE 14.4-11
DESCRIPTIVE STATISTICS OF 24-HOUR URINE BIOMARKERS OF EXPOSURE BY TIMEPOINT FOR DEMOGRAPHIC CHARACTERISTIC: ANNUAL HOUSEHOLD INCOME
(Page 120 of 7)

Lab: Madison
Biomarker: Total NNAL (pmol/mg Creatin)
Timepoint: Overall^a

Characteristic	Statistic	Smokers			Non-Smokers		
		Male	Female	Overall	Male	Female	Overall
\$19,999 or less	N	5	5	10	9	4	13
	MEAN, GEO MEAN	3.865, 2.843	3.448, 2.291	3.657, 2.552	0.066, 0.039	0.098, 0.089	0.076, 0.050
	SD, SE	3.2119, 1.4364	3.5897, 1.6054	3.2187, 1.0178	0.1025, 0.0342	0.0477, 0.0239	0.0884, 0.0245
	MEDIAN	3.883	2.793	2.939	0.033	0.096	0.038
	MIN, MAX	1.120, 8.975	0.749, 9.596	0.749, 9.596	0.017, 0.337	0.055, 0.146	0.017, 0.337
	5%, 95%	1.120, 8.975	0.749, 9.596	0.749, 9.596	0.017, 0.337	0.055, 0.146	0.017, 0.337
\$20,000 to \$39,999	N	5	10	15	10	16	26
	MEAN, GEO MEAN	1.780, 0.735	4.317, 3.734	3.471, 2.172	0.030, 0.025	0.054, 0.047	0.045, 0.037
	SD, SE	2.1763, 0.9733	2.2256, 0.7038	2.4639, 0.6362	0.0190, 0.0060	0.0276, 0.0069	0.0269, 0.0053
	MEDIAN	1.231	3.844	3.172	0.023	0.047	0.040
	MIN, MAX	0.032, 5.560	1.036, 8.385	0.032, 8.385	0.010, 0.061	0.018, 0.110	0.010, 0.110
	5%, 95%	0.032, 5.560	1.036, 8.385	0.032, 8.385	0.010, 0.061	0.018, 0.110	0.011, 0.094
\$40,000 to \$49,999	N	5	8	13	6	9	15
	MEAN, GEO MEAN	2.881, 2.576	3.437, 2.306	3.223, 2.406	0.032, 0.028	0.054, 0.051	0.045, 0.040
	SD, SE	1.3805, 0.6174	2.3072, 0.8157	1.9544, 0.5420	0.0192, 0.0078	0.0219, 0.0073	0.0230, 0.0059
	MEDIAN	2.729	3.231	2.753	0.025	0.050	0.047
	MIN, MAX	1.087, 4.670	0.209, 6.887	0.209, 6.887	0.013, 0.060	0.026, 0.097	0.013, 0.097
	5%, 95%	1.087, 4.670	0.209, 6.887	0.209, 6.887	0.013, 0.060	0.026, 0.097	0.013, 0.097
\$50,000 or more	N	3	9	12	5	7	12
	MEAN, GEO MEAN	2.470, 2.071	3.974, 2.725	3.598, 2.544	0.056, 0.042	0.047, 0.046	0.051, 0.044
	SD, SE	1.8719, 1.0807	3.1567, 1.0522	2.8891, 0.8340	0.0512, 0.0229	0.0120, 0.0045	0.0324, 0.0093
	MEDIAN	1.525	3.030	2.792	0.040	0.048	0.046
	MIN, MAX	1.259, 4.626	0.200, 10.759	0.200, 10.759	0.020, 0.144	0.029, 0.064	0.020, 0.144
	5%, 95%	1.259, 4.626	0.200, 10.759	0.200, 10.759	0.020, 0.144	0.029, 0.064	0.020, 0.144

^a Overall values calculated by first averaging the results across visits within a subject, then calculating the descriptive statistics across subjects. Count of BLQ values does not apply as the BLQ values were converted to the upper limit of the BLQ (e.g., '<1.234' will be used as '1.234') for the averages across visits within a subject thus eliminating all BLQ values for the overall statistics.

TABLE 14.4-11
DESCRIPTIVE STATISTICS OF 24-HOUR URINE BIOMARKERS OF EXPOSURE BY TIMEPOINT FOR DEMOGRAPHIC CHARACTERISTIC: ANNUAL HOUSEHOLD INCOME
(Page 121 of 7)

Lab: Madison
Biomarker: Free NNAL (pg/24hr)
Timepoint: Week 1

Characteristic	Statistic	Smokers			Non-Smokers		
		Male	Female	Overall	Male	Female	Overall
\$19,999 or less	N	5	5	10	9	4	13
	MEAN, GEO MEAN	218538.000, 206583.000	254978.000, 220315.000	236758.000, 213338.000	9730.000, 8798.030	11167.500, 10650.200	10172.300, 9330.720
	SD, SE	76350.0000, 34144.8000	146591.0000, 65557.6000	111850.0000, 35369.9000	4815.3000, 1605.1000	4146.8300, 2073.4200	4498.2200, 1247.5800
	MEDIAN	254784.000	261978.000	258381.000	7980.000	9810.000	8220.000
	MIN, MAX	127050.000, 289710.000	99180.000, 468993.000	99180.000, 468993.000	4860.000, 18000.000	8100.000, 16950.000	4860.000, 18000.000
	5%, 95%	127050.000, 289710.000	99180.000, 468993.000	99180.000, 468993.000	4860.000, 18000.000	8100.000, 16950.000	4860.000, 18000.000
	BLQ Values Included	0	0	0	9	4	13
\$20,000 to \$39,999	N	5	10	15	10	16	26
	MEAN, GEO MEAN	118788.000, 70163.200	319473.000, 242813.000	252578.000, 160528.000	11168.400, 9541.790	12604.400, 10760.800	12052.100, 10274.500
	SD, SE	106286.0000, 47532.5000	254238.0000, 80397.1000	233172.0000, 60204.7000	6473.3400, 2047.0500	7686.4300, 1921.6100	7144.3500, 1401.1200
	MEDIAN	106737.000	247870.000	156455.000	8190.000	8940.000	8910.000
	MIN, MAX	8460.000, 279174.000	89610.000, 852355.000	8460.000, 852355.000	3180.000, 22800.000	3420.000, 30796.800	3180.000, 30796.800
	5%, 95%	8460.000, 279174.000	89610.000, 852355.000	8460.000, 852355.000	3180.000, 22800.000	3420.000, 30796.800	3420.000, 26435.000
	BLQ Values Included	1	0	1	9	14	23
\$40,000 to \$49,999	N	5	8	13	6	9	15
	MEAN, GEO MEAN	273889.000, 212677.000	245398.000, 183832.000	256356.000, 194432.000	11310.000, 9643.630	12820.000, 11314.100	12216.000, 10613.700
	SD, SE	140958.0000, 63038.4000	138954.0000, 49127.6000	134515.0000, 37307.8000	6761.7400, 2760.4700	6932.5300, 2310.8400	6661.6900, 1720.0400
	MEDIAN	300465.000	256684.000	286182.000	8730.000	11880.000	11700.000
	MIN, MAX	36720.000, 409840.000	16500.000, 485345.000	16500.000, 485345.000	3900.000, 20100.000	4800.000, 27840.000	3900.000, 27840.000
	5%, 95%	36720.000, 409840.000	16500.000, 485345.000	16500.000, 485345.000	3900.000, 20100.000	4800.000, 27840.000	3900.000, 27840.000
	BLQ Values Included	0	1	1	6	8	14
\$50,000 or more	N	3	9	12	5	7	12
	MEAN, GEO MEAN	128958.000, 110182.000	287627.000, 201156.000	247960.000, 173052.000	9048.000, 8643.600	12300.000, 11521.000	10945.000, 10220.900
	SD, SE	88916.7000, 51336.1000	230527.0000, 76842.5000	212689.0000, 61397.9000	2916.4600, 1304.2800	4672.3000, 1765.9600	4219.5500, 1218.0800
	MEDIAN	98490.000	194040.000	185777.000	8880.000	11100.000	10950.000
	MIN, MAX	59280.000, 229103.000	23940.000, 671265.000	23940.000, 671265.000	5280.000, 12240.000	5760.000, 20100.000	5280.000, 20100.000
	5%, 95%	59280.000, 229103.000	23940.000, 671265.000	23940.000, 671265.000	5280.000, 12240.000	5760.000, 20100.000	5280.000, 20100.000
	BLQ Values Included	0	0	0	5	7	12

TABLE 14.4-11
DESCRIPTIVE STATISTICS OF 24-HOUR URINE BIOMARKERS OF EXPOSURE BY TIMEPOINT FOR DEMOGRAPHIC CHARACTERISTIC: ANNUAL HOUSEHOLD INCOME
(Page 122 of 7)

Lab: Madison
Biomarker: Free NNAI. (pg/24hr)
Timepoint: Week 3

Characteristic	Statistic	Smokers			Non-Smokers		
		Male	Female	Overall	Male	Female	Overall
\$19,999 or less	N	5	4	9	9	4	13
	MEAN, GEO MEAN	243748.000, 206622.000	304621.000, 250190.000	271914.000, 224961.000	14095.400, 12199.000	14936.300, 14621.900	14354.200, 12898.300
	SD, SE	180062.0000, 80526.4000	192004.0000, 96002.1000	176064.0000, 58688.1000	9153.1900, 3051.0600	3362.1500, 1681.0800	7670.9300, 2127.5300
	MEDIAN	198720.000	297757.000	208630.000	12384.000	15795.000	12450.000
	MIN, MAX	99840.000, 558700.000	87500.000, 535470.000	87500.000, 558700.000	6720.000, 35905.000	10410.000, 17745.000	6720.000, 35905.000
	5%, 95%	99840.000, 558700.000	87500.000, 535470.000	87500.000, 558700.000	6720.000, 35905.000	10410.000, 17745.000	6720.000, 35905.000
	BLQ Values Included	0	0	0	8	3	11
\$20,000 to \$39,999	N	5	8	13	10	16	26
	MEAN, GEO MEAN	176670.000, 77410.400	373657.000, 337597.000	297893.000, 191602.000	15664.200, 11513.300	11378.600, 10555.000	13026.900, 10913.800
	SD, SE	228926.0000, 102379.0000	191582.0000, 67734.6000	220974.0000, 61287.1000	15639.6000, 4945.6700	4580.3900, 1145.2200	10255.1000, 2011.1800
	MEDIAN	93405.000	352745.000	253330.000	10500.000	10650.000	10500.000
	MIN, MAX	6288.000, 573980.000	175536.000, 781704.000	6288.000, 781704.000	4500.000, 57240.000	5640.000, 19740.000	4500.000, 57240.000
	5%, 95%	6288.000, 573980.000	175536.000, 781704.000	6288.000, 781704.000	4500.000, 57240.000	5640.000, 19740.000	4500.000, 57240.000
	BLQ Values Included	1	0	1	9	16	25
\$40,000 to \$49,999	N	5	8	13	6	9	15
	MEAN, GEO MEAN	316334.000, 258421.000	272362.000, 207822.000	289275.000, 225990.000	13990.000, 12769.900	14273.300, 12940.900	14160.000, 12872.200
	SD, SE	170341.0000, 76178.9000	155962.0000, 55141.0000	156067.0000, 43285.2000	6712.0000, 2740.1600	6874.5500, 2291.5200	6565.2500, 1695.4000
	MEDIAN	361620.000	324991.000	361620.000	12300.000	13620.000	12600.000
	MIN, MAX	64860.000, 476280.000	45936.000, 421728.000	45936.000, 476280.000	6660.000, 25620.000	7200.000, 28440.000	6660.000, 28440.000
	5%, 95%	64860.000, 476280.000	45936.000, 421728.000	45936.000, 476280.000	6660.000, 25620.000	7200.000, 28440.000	6660.000, 28440.000
	BLQ Values Included	0	0	0	6	9	15
\$50,000 or more	N	2	9	11	5	7	12
	MEAN, GEO MEAN	101792.000, 93848.000	280188.000, 245157.000	247752.000, 205884.000	10426.000, 14378.900	13542.900, 13303.800	15994.200, 13741.700
	SD, SE	55750.4000, 39421.5000	145759.0000, 48586.4000	150051.0000, 45242.0000	19137.8000, 8558.6900	27111.9100, 1025.0100	12098.5000, 3492.5200
	MEDIAN	101792.000	264928.000	226746.000	10800.000	14160.000	13080.000
	MIN, MAX	62370.000, 141213.000	83904.000, 506520.000	62370.000, 506520.000	6480.000, 52910.000	9650.000, 17400.000	6480.000, 52910.000
	5%, 95%	62370.000, 141213.000	83904.000, 506520.000	62370.000, 506520.000	6480.000, 52910.000	9650.000, 17400.000	6480.000, 52910.000
	BLQ Values Included	0	0	0	4	7	11

TABLE 14.4-11
DESCRIPTIVE STATISTICS OF 24-HOUR URINE BIOMARKERS OF EXPOSURE BY TIMEPOINT FOR DEMOGRAPHIC CHARACTERISTIC: ANNUAL HOUSEHOLD INCOME
(Page 123 of 7)

Labr Madison
Biomarker: Free NNAL (pg/24hr)
Timepoint: Overall*

Characteristic	Statistic	Smokers			Non-Smokers		
		Male	Female	Overall	Male	Female	Overall
\$19,999 or less	N	5	5	10	9	4	13
	MEAN, GEO MEAN	232143.000, 212552.000	263296.000, 222787.000	247720.000, 217610.000	11912.700, 11009.200	13051.900, 12758.700	12263.200, 11520.300
	SD, SE	113820.0000, 50901.7000	161241.0000, 72109.3000	132598.0000, 41931.3000	5203.0800, 1734.3600	3176.7300, 1588.3700	4568.4100, 1267.0500
	MEDIAN	208816.000	265974.000	228993.000	9525.000	12903.800	10182.000
	MIN, MAX	122723.000, 417119.000	93340.000, 502232.000	93340.000, 502232.000	6720.000, 20802.500	9315.000, 17085.000	6720.000, 20802.500
\$20,000 to \$39,999	N	5	10	15	10	16	26
	MEAN, GEO MEAN	147729.000, 74909.800	324538.000, 274532.000	265661.000, 178064.000	13416.300, 11239.800	11991.500, 10961.200	12539.500, 11067.500
	SD, SE	165681.0000, 74094.8000	186298.0000, 58912.5000	193901.0000, 50065.0000	8663.1500, 2739.5300	5590.5400, 1997.6300	6802.2200, 1334.0300
	MEDIAN	100071.000	262832.000	216180.000	9913.500	9870.000	9913.500
	MIN, MAX	7374.000, 426577.000	90585.000, 589956.000	7374.000, 589956.000	3840.000, 32310.000	5910.000, 24998.400	3840.000, 32310.000
\$40,000 to \$49,999	N	5	8	13	6	9	15
	MEAN, GEO MEAN	295112.000, 238858.000	258980.000, 204349.000	272815.000, 218989.000	12650.000, 11275.700	13546.700, 12175.600	13188.000, 11807.300
	SD, SE	146424.0000, 65482.9000	140439.0000, 49652.7000	137799.0000, 38218.4000	6600.7300, 2694.7400	6834.5200, 2278.1700	6516.0700, 1682.4400
	MEDIAN	381231.000	302686.000	335110.000	10485.000	12660.000	12330.000
	MIN, MAX	50790.000, 392760.000	34476.000, 436173.000	34476.000, 436173.000	5280.000, 22860.000	6450.000, 28140.000	5280.000, 28140.000
\$50,000 or more	N	3	9	12	5	7	12
	MEAN, GEO MEAN	136593.000, 122699.000	283908.000, 228303.000	247079.000, 195476.000	14237.000, 12728.200	12921.400, 12495.000	13469.600, 12591.600
	SD, SE	80726.1000, 46607.2000	187215.0000, 62404.9000	176392.0000, 50920.0000	8522.4600, 3811.3600	3535.4100, 1336.2600	5904.1700, 1675.5200
	MEDIAN	100247.000	229484.000	215617.000	11520.000	11790.000	11655.000
	MIN, MAX	80430.000, 229103.000	53922.000, 588893.000	53922.000, 588893.000	8400.000, 29095.000	7710.000, 18000.000	7710.000, 29095.000

* Overall values calculated by first averaging the results across visits within a subject, then calculating the descriptive statistics across subjects. Count of BLQ values does not apply as the BLQ values were converted to the upper limit of the BLQ (e.g., '<1.234' will be used as '1.234') for the averages across visits within a subject thus eliminating all BLQ values for the overall statistics.

TABLE 14.4-11
DESCRIPTIVE STATISTICS OF 24-HOUR URINE BIOMARKERS OF EXPOSURE BY TIMEPOINT FOR DEMOGRAPHIC CHARACTERISTIC: ANNUAL HOUSEHOLD INCOME
(Page 124 of ?)

Lab: Madison
Biomarker: Free NNAL (pmol/24hr)
Timepoint: Week 1

Characteristic	Statistic	Smokers			Non-Smokers		
		Male	Female	Overall	Male	Female	Overall
\$19,999 or less	N	5	5	10	9	4	13
	MEAN, GEO MEAN	1044.610, 987.466	1218.790, 1053.100	1131.700, 1019.760	46.509, 42.054	53.381, 50.908	48.624, 44.601
	SD, SE	364.9530, 163.2120	700.7060, 313.3650	534.6410, 169.0680	23.0171, 7.6724	19.8218, 9.9109	21.5015, 5.9634
	MEDIAN	1217.870	1252.250	1235.060	38.144	46.892	39.292
	MIN, MAX	607.299, 1384.814	474.080, 2241.787	474.080, 2241.787	23.231, 86.040	38.718, 81.021	23.231, 86.040
	5%, 95%	607.299, 1384.810	474.080, 2241.790	474.080, 2241.790	23.231, 86.040	38.718, 81.021	23.231, 86.040
	BLQ Values Included	0	0	0	9	4	13
\$20,000 to \$39,999	N	5	10	15	10	16	26
	MEAN, GEO MEAN	567.805, 335.381	1527.080, 1160.650	1207.320, 767.326	53.385, 45.610	60.249, 51.437	57.609, 49.112
	SD, SE	508.0470, 227.2060	1215.2600, 384.2980	1114.5600, 287.7790	30.9428, 9.7850	36.7411, 9.1853	34.1501, 6.6974
	MEDIAN	510.203	1184.820	747.855	39.148	42.734	42.590
	MIN, MAX	40.439, 1334.452	428.336, 4074.257	40.439, 4074.257	15.200, 108.984	16.348, 147.209	15.200, 147.209
	5%, 95%	40.439, 1334.450	428.336, 4074.260	40.439, 4074.260	15.200, 108.984	16.348, 147.209	16.348, 126.359
	BLQ Values Included	1	0	1	9	14	23
\$40,000 to \$49,999	N	5	8	13	6	9	15
	MEAN, GEO MEAN	1309.190, 1016.600	1173.000, 878.716	1225.380, 929.383	54.062, 46.097	61.279, 54.081	58.392, 50.734
	SD, SE	673.7800, 301.3240	664.1990, 234.8300	642.9820, 178.3310	32.3211, 13.1950	33.1375, 11.0458	31.8428, 8.2218
	MEDIAN	1436.220	1226.950	1367.950	41.730	56.786	55.926
	MIN, MAX	175.522, 1959.035	78.870, 2319.949	78.870, 2319.949	18.642, 96.078	22.944, 133.075	18.642, 133.075
	5%, 95%	175.522, 1959.040	78.870, 2319.950	78.870, 2319.950	18.642, 96.078	22.944, 133.075	18.642, 133.075
	BLQ Values Included	0	1	1	6	8	14
\$50,000 or more	N	3	9	12	5	7	12
	MEAN, GEO MEAN	616.417, 526.669	1374.860, 961.527	1185.250, 827.191	43.249, 41.316	58.794, 55.070	52.317, 48.856
	SD, SE	425.0220, 245.3860	1101.9200, 367.3070	1016.6500, 293.4820	13.9406, 6.2344	22.3335, 8.4413	20.1695, 5.8224
	MEDIAN	470.782	927.511	888.012	42.446	53.058	52.341
	MIN, MAX	283.358, 1095.112	114.433, 3208.647	114.433, 3208.647	25.238, 58.507	27.533, 96.078	25.238, 96.078
	5%, 95%	283.358, 1095.110	114.433, 3208.650	114.433, 3208.650	25.238, 58.507	27.533, 96.078	25.238, 96.078
	BLQ Values Included	0	0	0	5	7	12

TABLE 14.4-11
DESCRIPTIVE STATISTICS OF 24-HOUR URINE BIOMARKERS OF EXPOSURE BY TIMEPOINT FOR DEMOGRAPHIC CHARACTERISTIC: ANNUAL HOUSEHOLD INCOME
(Page 125 of ?)

Lab: Madison
Biomarker: Free NNAL (pmol/24hr)
Timepoint: Week 3

Characteristic	Statistic	Smokers			Non-Smokers		
		Male	Female	Overall	Male	Female	Overall
\$19,999 or less	N	5	4	9	9	4	13
	MEAN, GEO MEAN	1174.670, 987.654	1456.090, 1195.910	1299.750, 1075.310	67.376, 58.311	71.396, 69.893	68.613, 61.654
	SD, SE	860.6980, 384.9160	917.7800, 458.8900	841.5880, 280.5290	43.7523, 14.5841	16.0710, 8.0355	36.6570, 10.1696
	MEDIAN	949.882	1423.280	997.251	59.196	75.501	59.511
	MIN, MAX	477.235, 2670.586	418.250, 2559.547	418.250, 2670.586	32.122, 171.626	49.760, 84.821	32.122, 171.626
	5%, 95%	477.235, 2670.590	418.250, 2559.550	418.250, 2670.590	32.122, 171.626	49.760, 84.821	32.122, 171.626
	BLQ Values Included	0	0	0	8	3	11
\$20,000 to \$39,999	N	5	8	13	10	16	26
	MEAN, GEO MEAN	844.483, 370.023	1786.080, 1613.710	1423.930, 915.856	74.875, 55.034	54.390, 50.453	62.269, 52.168
	SD, SE	1094.2700, 489.3710	915.7640, 323.7710	1056.2500, 292.9520	74.7572, 23.6403	21.8966, 5.4741	49.0192, 9.6135
	MEDIAN	446.476	1686.120	1210.920	50.190	50.907	50.190
	MIN, MAX	30.057, 2743.624	839.062, 3736.545	30.057, 3736.545	21.510, 273.607	26.959, 94.357	21.510, 273.607
	5%, 95%	30.057, 2743.620	839.062, 3736.550	30.057, 3736.550	21.510, 273.607	26.959, 94.357	21.510, 98.659
	BLQ Values Included	1	0	1	9	16	25
\$40,000 to \$49,999	N	5	8	13	6	9	15
	MEAN, GEO MEAN	1512.080, 1235.250	1301.890, 993.389	1382.730, 1080.230	66.872, 61.040	68.227, 61.857	67.685, 61.529
	SD, SE	814.2310, 364.1350	745.4990, 263.5740	746.0010, 206.9030	32.0834, 13.0980	32.8603, 10.9534	31.3867, 8.1040
	MEDIAN	1728.540	1553.460	1728.540	58.794	65.104	60.228
	MIN, MAX	310.031, 2276.618	219.574, 2015.860	219.574, 2276.618	31.835, 122.464	34.416, 135.943	31.835, 135.943
	5%, 95%	310.031, 2276.620	219.574, 2015.860	219.574, 2276.620	31.835, 122.464	34.416, 135.943	31.835, 135.943
	BLQ Values Included	0	0	0	6	9	15
\$50,000 or more	N	2	9	11	5	7	12
	MEAN, GEO MEAN	486.564, 448.594	1339.300, 1171.850	1184.260, 984.125	92.856, 68.731	64.735, 63.592	76.452, 65.685
	SD, SE	266.4870, 188.4350	696.7290, 232.2430	717.2420, 216.2570	91.4789, 40.9106	12.9629, 4.8995	57.8307, 16.6943
	MEDIAN	486.564	1266.360	1083.850	51.624	67.685	62.523
	MIN, MAX	298.129, 674.998	401.061, 2421.166	298.129, 2421.166	30.974, 252.910	46.175, 83.172	30.974, 252.910
	5%, 95%	298.129, 674.998	401.061, 2421.170	298.129, 2421.170	30.974, 252.910	46.175, 83.172	30.974, 252.910
	BLQ Values Included	0	0	0	4	7	11

TABLE 14.4-11
DESCRIPTIVE STATISTICS OF 24-HOUR URINE BIOMARKERS OF EXPOSURE BY TIMEPOINT FOR DEMOGRAPHIC CHARACTERISTIC: ANNUAL HOUSEHOLD INCOME
(Page 126 of ?)

Lsh: Madison
Biomarker: Free NNAL (pmol/24hr)
Timepoint: Overall*

Characteristic	Statistic	Smokers			Non-Smokers		
		Male	Female	Overall	Male	Female	Overall
\$19,999 or less	N	5	5	10	9	4	13
	MEAN, GEO MEAN	1109.640, 1016.000	1258.560, 1064.920	1184.100, 1040.170	56.943, 52.624	62.389, 60.987	58.619, 55.067
	SD, SE	544.0580, 243.3100	770.7340, 344.6830	633.8210, 200.4320	24.8707, 8.2902	15.1849, 7.5925	21.8371, 6.0565
	MEDIAN	998.141	1271.360	1094.590	45.530	61.681	48.670
	MIN, MAX	586.616, 1993.830	446.165, 2400.670	446.165, 2400.670	32.122, 99.436	44.526, 81.667	32.122, 99.436
	5%, 95%	586.616, 1993.830	446.165, 2400.670	446.165, 2400.670	32.122, 99.436	44.526, 81.667	32.122, 99.436
\$20,000 to \$39,999	N	5	10	15	10	16	26
	MEAN, GEO MEAN	706.144, 358.069	1551.290, 1312.260	1269.570, 851.145	64.130, 53.726	57.320, 52.395	59.939, 52.903
	SD, SE	791.9560, 354.1730	890.5030, 281.6020	926.8470, 239.3110	41.4100, 13.0950	26.7228, 6.6807	32.5147, 6.3767
	MEDIAN	478.340	1256.340	1033.340	47.387	47.179	47.387
	MIN, MAX	35.248, 2039.040	432.996, 2819.990	35.248, 2819.990	18.355, 154.442	28.250, 119.493	18.355, 154.442
	5%, 95%	35.248, 2039.040	432.996, 2819.990	35.248, 2819.990	18.355, 154.442	28.250, 119.493	28.250, 119.493
\$40,000 to \$49,999	N	5	8	13	6	9	15
	MEAN, GEO MEAN	1410.630, 1141.740	1237.450, 976.788	1304.060, 1037.210	60.467, 53.898	64.753, 58.200	63.039, 56.439
	SD, SE	699.9070, 313.0080	671.2970, 237.3390	658.6750, 182.6840	31.5513, 12.8808	32.6689, 10.8896	31.1466, 8.0420
	MEDIAN	1822.280	1446.840	1601.830	50.119	60.515	58.937
	MIN, MAX	242.777, 1877.390	164.796, 2084.900	164.796, 2084.900	25.239, 109.271	30.831, 134.509	25.239, 134.509
	5%, 95%	242.777, 1877.390	164.796, 2084.900	164.796, 2084.900	25.239, 109.271	30.831, 134.509	25.239, 134.509
\$50,000 or more	N	3	9	12	5	7	12
	MEAN, GEO MEAN	652.915, 586.499	1357.080, 1091.290	1181.040, 934.374	68.053, 60.841	61.765, 59.726	64.385, 60.188
	SD, SE	385.8700, 222.7820	894.8860, 298.2050	843.1550, 243.3980	40.7373, 18.2183	16.8992, 6.3873	27.7439, 8.0090
	MEDIAN	479.178	1096.930	1030.640	55.066	56.357	55.712
	MIN, MAX	384.456, 1095.110	257.747, 2814.910	257.747, 2814.910	40.152, 139.074	36.854, 86.040	36.854, 139.074
	5%, 95%	384.456, 1095.110	257.747, 2814.910	257.747, 2814.910	40.152, 139.074	36.854, 86.040	36.854, 139.074

* Overall values calculated by first averaging the results across visits within a subject, then calculating the descriptive statistics across subjects. Count of BLQ values does not apply as the BLQ values were converted to the upper limit of the BLQ (e.g., '<1.234' will be used as '1.234') for the averages across visits within a subject thus eliminating all BLQ values for the overall statistics.

TABLE 14.4-11
DESCRIPTIVE STATISTICS OF 24-HOUR URINE BIOMARKERS OF EXPOSURE BY TIMEPOINT FOR DEMOGRAPHIC CHARACTERISTIC: ANNUAL HOUSEHOLD INCOME
(Page 127 of ?)

Lab: Madison
Biomarker: Free NNAL (pg/mg Creatinin)
Timepoint: Week 1

Characteristic	Statistic	Smokers			Non-Smokers		
		Male	Female	Overall	Male	Female	Overall
\$19,999 or less	N	5	5	10	9	4	13
	MEAN, GEO MEAN	238.986, 144.135	194.217, 163.334	216.602, 153.434	5.665, 4.993	10.000, 9.738	6.999, 6.132
	SD, SE	300.6400, 134.4500	133.0520, 59.5028	220.4440, 69.7106	3.2369, 1.0790	2.6810, 1.3405	3.6218, 1.0045
	MEDIAN	91.781	149.601	120.691	4.360	9.636	7.059
	MIN, MAX	59.107, 767.052	89.529, 408.555	59.107, 767.052	2.683, 11.788	7.151, 13.575	2.683, 13.575
	5%, 95%	59.107, 767.052	89.529, 408.555	59.107, 767.052	2.683, 11.788	7.151, 13.575	2.683, 13.575
\$20,000 to \$39,999	BLQ Values Included	0	0	0	9	4	13
	N	5	10	15	10	16	26
	MEAN, GEO MEAN	94.015, 55.932	310.997, 258.674	238.669, 155.258	6.007, 5.191	10.821, 8.934	8.960, 7.251
	SD, SE	91.3187, 40.8390	177.4570, 56.1169	183.9470, 47.4950	3.3011, 1.0439	7.0254, 1.7564	6.2644, 1.2286
	MEDIAN	67.953	322.272	221.983	4.575	9.059	8.222
	MIN, MAX	7.958, 239.702	77.103, 612.755	7.958, 612.755	1.932, 10.811	2.285, 29.814	1.932, 29.814
\$40,000 to \$49,999	5%, 95%	7.958, 239.702	77.103, 612.755	7.958, 612.755	1.932, 10.811	2.285, 29.814	2.285, 20.782
	BLQ Values Included	1	0	1	9	14	23
	N	5	8	13	6	9	15
	MEAN, GEO MEAN	186.951, 158.245	197.825, 144.207	193.643, 149.453	6.748, 5.634	11.843, 11.093	9.805, 8.460
	SD, SE	88.7211, 39.6773	124.5330, 44.0289	108.1700, 30.0009	4.6700, 1.9065	4.4087, 1.4696	5.0567, 1.3056
	MEDIAN	194.436	184.550	194.436	4.881	9.600	9.585
\$50,000 or more	MIN, MAX	42.105, 277.976	13.730, 390.367	13.730, 390.367	2.973, 14.815	5.381, 17.699	2.973, 17.699
	5%, 95%	42.105, 277.976	13.730, 390.367	13.730, 390.367	2.973, 14.815	5.381, 17.699	2.973, 17.699
	BLQ Values Included	0	1	1	6	8	14
	N	3	9	12	5	7	12
	MEAN, GEO MEAN	93.702, 89.791	268.181, 168.909	224.561, 144.227	5.346, 4.900	9.189, 8.580	7.588, 6.794
	SD, SE	33.3404, 19.2491	245.3150, 81.7716	224.0440, 64.6760	2.5384, 1.1352	3.3353, 1.2606	3.5109, 1.0135
	MEDIAN	88.737	188.073	149.989	5.181	9.509	7.316
	MIN, MAX	63.122, 129.246	12.795, 813.359	12.795, 813.359	2.997, 9.274	3.883, 13.605	2.997, 13.605
	5%, 95%	63.122, 129.246	12.795, 813.359	12.795, 813.359	2.997, 9.274	3.883, 13.605	2.997, 13.605
	BLQ Values Included	0	0	0	5	7	12

TABLE 14.4-11
DESCRIPTIVE STATISTICS OF 24-HOUR URINE BIOMARKERS OF EXPOSURE BY TIMEPOINT FOR DEMOGRAPHIC CHARACTERISTIC: ANNUAL HOUSEHOLD INCOME
(Page 128 of 7)

Lab: Madison
Biomarker: Free NNAL (pg/mg Creatinin)
Timepoint: Week 3

Characteristic	Statistic	Smokers			Non-Smokers		
		Male	Female	Overall	Male	Female	Overall
\$19,999 or less	N	5	4	9	9	4	13
	MEAN, GEO MEAN	171.274, 145.328	251.642, 205.689	206.993, 169.589	8.247, 7.244	15.096, 15.009	10.355, 9.064
	SD, SE	94.8583, 42.4219	200.1030, 100.0520	145.9760, 48.6586	4.5727, 1.5242	1.9454, 0.9727	5.0705, 1.4063
	MEDIAN	168.461	178.295	175.325	7.160	14.307	9.390
	MIN, MAX	50.732, 277.746	102.965, 547.012	50.732, 547.012	3.023, 17.450	13.793, 17.979	3.023, 17.979
	5%, 95%	50.732, 277.746	102.965, 547.012	50.732, 547.012	3.023, 17.450	13.793, 17.979	3.023, 17.979
	BLQ Values Included	0	0	0	8	3	11
\$20,000 to \$39,999	N	5	8	13	10	16	26
	MEAN, GEO MEAN	125.290, 63.519	341.818, 317.096	258.538, 170.851	8.713, 6.433	12.413, 10.050	10.990, 8.466
	SD, SE	141.8370, 63.4315	138.8210, 49.0807	173.1160, 48.0137	8.3013, 2.6251	8.4870, 2.1217	8.4495, 1.6571
	MEDIAN	93.596	339.890	243.868	6.218	10.098	8.476
	MIN, MAX	5.525, 368.503	159.384, 553.597	5.525, 553.597	2.158, 30.264	3.259, 30.000	2.158, 30.264
	5%, 95%	5.525, 368.503	159.384, 553.597	5.525, 553.597	2.158, 30.264	3.259, 30.000	2.796, 30.000
	BLQ Values Included	1	0	1	9	16	25
\$40,000 to \$49,999	N	5	8	13	6	9	15
	MEAN, GEO MEAN	192.134, 158.892	200.879, 161.094	197.515, 160.244	6.487, 5.678	11.415, 10.333	9.444, 8.132
	SD, SE	99.8823, 44.6687	119.6030, 42.2862	108.1190, 29.9868	3.5697, 1.4573	5.5626, 1.8542	5.3364, 1.3778
	MEDIAN	204.324	205.798	204.324	5.370	9.983	9.259
	MIN, MAX	39.441, 317.647	47.240, 369.610	39.441, 369.610	2.413, 11.765	5.464, 22.901	2.413, 22.901
	5%, 95%	39.441, 317.647	47.240, 369.610	39.441, 369.610	2.413, 11.765	5.464, 22.901	2.413, 22.901
	BLQ Values Included	0	0	0	6	9	15
\$50,000 or more	N	2	9	11	5	7	12
	MEAN, GEO MEAN	79.105, 78.182	276.368, 212.352	240.502, 177.075	11.931, 8.372	10.603, 10.321	11.156, 9.459
	SD, SE	17.0441, 12.0520	218.7280, 72.9095	211.3530, 63.7255	10.8006, 4.8302	2.7117, 1.0249	6.8482, 1.9769
	MEDIAN	79.105	202.917	166.990	11.257	10.381	10.519
	MIN, MAX	67.053, 91.157	55.951, 724.324	55.951, 724.324	2.923, 29.578	8.021, 14.320	2.923, 29.578
	5%, 95%	67.053, 91.157	55.951, 724.324	55.951, 724.324	2.923, 29.578	8.021, 14.320	2.923, 29.578
	BLQ Values Included	0	0	0	4	7	11

TABLE 14.4-11
DESCRIPTIVE STATISTICS OF 24-HOUR URINE BIOMARKERS OF EXPOSURE BY TIMEPOINT FOR DEMOGRAPHIC CHARACTERISTIC: ANNUAL HOUSEHOLD INCOME
(Page 129 of 7)

Lab: Madison
Biomarker: Free NNAL (pg/mg Creatinin)
Timepoint: Overall*

Characteristic	Statistic	Smokers			Non-Smokers		
		Male	Female	Overall	Male	Female	Overall
\$19,999 or less	N	5	5	10	9	4	13
	MEAN, GEO MEAN	205.130, 154.062	206.933, 169.990	206.032, 161.830	6.956, 6.405	12.548, 12.520	8.677, 7.872
	SD, SE	185.2670, 82.8538	158.6110, 70.9328	162.5940, 51.4169	2.9798, 0.9933	0.9695, 0.4847	3.6564, 1.0141
	MEDIAN	171.060	165.433	168.247	6.904	12.436	7.332
	MIN, MAX	62.090, 522.399	91.678, 477.784	62.090, 522.399	2.853, 12.576	11.491, 13.830	2.853, 13.830
	5%, 95%	62.090, 522.399	91.678, 477.784	62.090, 522.399	2.853, 12.576	11.491, 13.830	2.853, 13.830
\$20,000 to \$39,999	N	5	10	15	10	16	26
	MEAN, GEO MEAN	109.653, 61.614	326.719, 278.962	254.363, 168.626	7.360, 6.211	11.617, 9.863	9.980, 8.256
	SD, SE	115.1480, 51.4958	170.8390, 54.0239	183.7640, 47.4476	4.6483, 1.4699	6.5157, 1.6289	6.1410, 1.2044
	MEDIAN	64.547	308.295	284.700	5.467	9.747	8.427
	MIN, MAX	6.742, 304.103	77.103, 612.755	6.742, 612.755	2.364, 17.426	3.348, 23.043	2.364, 23.043
	5%, 95%	6.742, 304.103	77.103, 612.755	6.742, 612.755	2.364, 17.426	3.348, 23.043	3.348, 21.741
\$40,000 to \$49,999	N	5	8	13	6	9	15
	MEAN, GEO MEAN	189.543, 158.690	199.352, 157.523	195.579, 157.971	6.618, 5.699	11.629, 10.773	9.625, 8.350
	SD, SE	93.8543, 41.9729	121.0290, 42.7902	107.2640, 29.7497	3.9692, 1.6204	4.8309, 1.6103	5.0419, 1.3018
	MEDIAN	199.380	196.438	199.380	5.126	10.432	9.792
	MIN, MAX	40.773, 297.812	32.976, 368.296	32.976, 368.296	2.693, 12.334	5.423, 20.300	2.693, 20.300
	5%, 95%	40.773, 297.812	32.976, 368.296	32.976, 368.296	2.693, 12.334	5.423, 20.300	2.693, 20.300
\$50,000 or more	N	3	9	12	5	7	12
	MEAN, GEO MEAN	94.760, 91.124	272.275, 195.591	227.896, 161.592	8.639, 7.315	9.896, 9.601	9.372, 8.573
	SD, SE	32.3487, 18.6765	230.6440, 76.8814	212.8950, 61.4575	5.3139, 2.3765	2.5243, 0.9541	3.7634, 1.0864
	MEDIAN	89.947	186.825	156.766	8.219	9.945	9.533
	MIN, MAX	65.088, 129.246	34.373, 768.842	34.373, 768.842	3.185, 16.420	6.063, 13.397	3.185, 16.420
	5%, 95%	65.088, 129.246	34.373, 768.842	34.373, 768.842	3.185, 16.420	6.063, 13.397	3.185, 16.420

* Overall values calculated by first averaging the results across visits within a subject, then calculating the descriptive statistics across subjects. Count of BLQ values does not apply as the BLQ values were converted to the upper limit of the BLQ (e.g., '<1.234' will be used as '1.234') for the averages across visits within a subject thus eliminating all BLQ values for the overall statistics.

TABLE 14.4-11
DESCRIPTIVE STATISTICS OF 24-HOUR URINE BIOMARKERS OF EXPOSURE BY TIMEPOINT FOR DEMOGRAPHIC CHARACTERISTIC: ANNUAL HOUSEHOLD INCOME
(Page 130 of 7)

Lab: Madison
Biomarker: Free NNAL (pmol/mg Creatin)
Timepoint: Week 1

Characteristic	Statistic	Smokers			Non-Smokers		
		Male	Female	Overall	Male	Female	Overall
\$19,999 or less	N	5	5	10	9	4	13
	MEAN, GEO MEAN	1.143, 0.689	0.928, 0.781	1.036, 0.734	0.027, 0.024	0.048, 0.046	0.033, 0.029
	SD, SE	1.4372, 0.6427	0.6361, 0.2845	1.0538, 0.3333	0.0154, 0.0051	0.0129, 0.0065	0.0173, 0.0048
	MEDIAN	0.439	0.715	0.577	0.021	0.046	0.034
	MIN, MAX	0.283, 3.667	0.428, 1.953	0.283, 3.667	0.013, 0.056	0.034, 0.065	0.013, 0.065
	5%, 95%	0.283, 3.667	0.428, 1.953	0.283, 3.667	0.013, 0.056	0.034, 0.065	0.013, 0.065
\$20,000 to \$39,999	BLQ Values Included	0	0	0	9	4	13
	N	5	10	15	10	16	26
	MEAN, GEO MEAN	0.450, 0.267	1.487, 1.237	1.141, 0.742	0.029, 0.025	0.052, 0.042	0.043, 0.035
	SD, SE	0.4366, 0.1952	0.8482, 0.2682	0.8792, 0.2270	0.0159, 0.0050	0.0337, 0.0084	0.0300, 0.0059
	MEDIAN	0.325	1.541	1.061	0.022	0.044	0.039
	MIN, MAX	0.038, 1.146	0.369, 2.929	0.038, 2.929	0.009, 0.052	0.011, 0.143	0.009, 0.143
\$40,000 to \$49,999	5%, 95%	0.038, 1.146	0.369, 2.929	0.038, 2.929	0.009, 0.052	0.011, 0.143	0.011, 0.099
	BLQ Values Included	1	0	1	9	14	23
	N	5	8	13	6	9	15
	MEAN, GEO MEAN	0.894, 0.756	0.946, 0.690	0.926, 0.715	0.032, 0.027	0.057, 0.053	0.047, 0.040
	SD, SE	0.4243, 0.1897	0.5953, 0.2105	0.5171, 0.1434	0.0224, 0.0092	0.0212, 0.0071	0.0242, 0.0063
	MEDIAN	0.929	0.882	0.929	0.024	0.046	0.046
\$50,000 or more	MIN, MAX	0.201, 1.329	0.066, 1.866	0.066, 1.866	0.014, 0.071	0.026, 0.085	0.014, 0.085
	5%, 95%	0.201, 1.329	0.066, 1.866	0.066, 1.866	0.014, 0.071	0.026, 0.085	0.014, 0.085
	BLQ Values Included	0	1	1	6	8	14
	N	3	9	12	5	7	12
	MEAN, GEO MEAN	0.448, 0.429	1.282, 0.807	1.074, 0.689	0.026, 0.023	0.044, 0.041	0.036, 0.033
	SD, SE	0.1594, 0.0920	1.1727, 0.3909	1.0710, 0.3092	0.0120, 0.0054	0.0159, 0.0060	0.0167, 0.0048
	MEDIAN	0.424	0.899	0.717	0.025	0.045	0.035
	MIN, MAX	0.302, 0.618	0.061, 3.888	0.061, 3.888	0.014, 0.044	0.019, 0.065	0.014, 0.065
	5%, 95%	0.302, 0.618	0.061, 3.888	0.061, 3.888	0.014, 0.044	0.019, 0.065	0.014, 0.065
	BLQ Values Included	0	0	0	5	7	12

TABLE 14.4-11
DESCRIPTIVE STATISTICS OF 24-HOUR URINE BIOMARKERS OF EXPOSURE BY TIMEPOINT FOR DEMOGRAPHIC CHARACTERISTIC: ANNUAL HOUSEHOLD INCOME
(Page 131 of ?)

Lab: Madison
Biomarker: Free NNAL (pmol/mg Creatin)
Timepoint: Week 3

Characteristic	Statistic	Smokers			Non-Smokers		
		Male	Female	Overall	Male	Female	Overall
\$19,999 or less	N	5	4	9	9	4	13
	MEAN, GEO MEAN	0.819, 0.694	1.203, 0.983	0.989, 0.810	0.039, 0.034	0.072, 0.072	0.049, 0.043
	SD, SE	0.4538, 0.2030	0.9567, 0.4784	0.6980, 0.2327	0.0218, 0.0073	0.0094, 0.0047	0.0242, 0.0067
	MEDIAN	0.805	0.852	0.838	0.034	0.068	0.045
	MIN, MAX	0.242, 1.328	0.492, 2.615	0.242, 2.615	0.014, 0.083	0.066, 0.086	0.014, 0.086
	5%, 95%	0.242, 1.328	0.492, 2.615	0.242, 2.615	0.014, 0.083	0.066, 0.086	0.014, 0.086
\$20,000 to \$39,999	BLQ Values Included	0	0	0	8	3	11
	N	5	8	13	10	16	26
	MEAN, GEO MEAN	0.599, 0.303	1.634, 1.516	1.236, 0.816	0.042, 0.031	0.059, 0.048	0.053, 0.040
	SD, SE	0.6779, 0.3032	0.6635, 0.2346	0.8276, 0.2295	0.0398, 0.0126	0.0405, 0.0101	0.0404, 0.0079
	MEDIAN	0.447	1.625	1.166	0.030	0.049	0.041
	MIN, MAX	0.026, 1.761	0.762, 2.646	0.026, 2.646	0.010, 0.145	0.016, 0.143	0.010, 0.145
\$40,000 to \$49,999	5%, 95%	0.026, 1.761	0.762, 2.646	0.026, 2.646	0.010, 0.145	0.016, 0.143	0.013, 0.143
	BLQ Values Included	1	0	1	9	16	25
	N	5	8	13	6	9	15
	MEAN, GEO MEAN	0.918, 0.760	0.960, 0.770	0.944, 0.766	0.031, 0.027	0.055, 0.050	0.045, 0.039
	SD, SE	0.4771, 0.2134	0.5716, 0.2021	0.5167, 0.1433	0.0168, 0.0069	0.0265, 0.0083	0.0254, 0.0066
	MEDIAN	0.977	0.984	0.977	0.026	0.048	0.044
\$50,000 or more	MIN, MAX	0.189, 1.518	0.226, 1.767	0.189, 1.767	0.012, 0.056	0.026, 0.109	0.012, 0.109
	5%, 95%	0.189, 1.518	0.226, 1.767	0.189, 1.767	0.012, 0.056	0.026, 0.109	0.012, 0.109
	BLQ Values Included	0	0	0	6	9	15
	N	2	9	11	5	7	12
	MEAN, GEO MEAN	0.379, 0.374	1.321, 1.015	1.150, 0.846	0.057, 0.040	0.051, 0.049	0.053, 0.045
	SD, SE	0.0813, 0.0575	1.0454, 0.3485	1.0101, 0.3046	0.0515, 0.0230	0.0130, 0.0049	0.0327, 0.0094
	MEDIAN	0.379	0.970	0.798	0.054	0.050	0.051
	MIN, MAX	0.321, 0.436	0.267, 3.462	0.267, 3.462	0.014, 0.141	0.038, 0.068	0.014, 0.141
	5%, 95%	0.321, 0.436	0.267, 3.462	0.267, 3.462	0.014, 0.141	0.038, 0.068	0.014, 0.141
	BLQ Values Included	0	0	0	4	7	11

TABLE 14.4-11
DESCRIPTIVE STATISTICS OF 24-HOUR URINE BIOMARKERS OF EXPOSURE BY TIMEPOINT FOR DEMOGRAPHIC CHARACTERISTIC: ANNUAL HOUSEHOLD INCOME
(Page 132 of ?)

Lab: Madison
Biomarker: Free NNAL (pmol/mg Creatin)
Timepoint: Overall*

Characteristic	Statistic	Smokers			Non-Smokers		
		Male	Female	Overall	Male	Female	Overall
\$19,999 or less	N	5	5	10	9	4	13
	MEAN, GEO MEAN	0.981, 0.737	0.989, 0.813	0.985, 0.774	0.033, 0.031	0.060, 0.060	0.042, 0.038
	SD, SE	0.8859, 0.3962	0.7583, 0.3391	0.7774, 0.2458	0.0141, 0.0047	0.0045, 0.0023	0.0174, 0.0048
	MEDIAN	0.818	0.791	0.805	0.033	0.060	0.035
	MIN, MAX	0.297, 2.498	0.438, 2.284	0.297, 2.498	0.014, 0.060	0.055, 0.066	0.014, 0.066
	5%, 95%	0.297, 2.498	0.438, 2.284	0.297, 2.498	0.014, 0.060	0.055, 0.066	0.014, 0.066
\$20,000 to \$39,999	N	5	10	15	10	16	26
	MEAN, GEO MEAN	0.524, 0.294	1.562, 1.334	1.216, 0.806	0.035, 0.030	0.056, 0.047	0.048, 0.040
	SD, SE	0.5505, 0.2462	0.8165, 0.2582	0.8784, 0.2268	0.0224, 0.0071	0.0309, 0.0077	0.0293, 0.0057
	MEDIAN	0.309	1.474	1.361	0.027	0.047	0.041
	MIN, MAX	0.032, 1.454	0.369, 2.929	0.032, 2.929	0.011, 0.084	0.016, 0.110	0.011, 0.110
	5%, 95%	0.032, 1.454	0.369, 2.929	0.032, 2.929	0.011, 0.084	0.016, 0.110	0.016, 0.104
\$40,000 to \$49,999	N	5	8	13	6	9	15
	MEAN, GEO MEAN	0.906, 0.759	0.953, 0.753	0.935, 0.755	0.032, 0.028	0.056, 0.052	0.046, 0.040
	SD, SE	0.4487, 0.2007	0.5786, 0.2045	0.5128, 0.1422	0.0189, 0.0077	0.0231, 0.0077	0.0241, 0.0062
	MEDIAN	0.953	0.939	0.953	0.025	0.050	0.047
	MIN, MAX	0.195, 1.424	0.158, 1.761	0.158, 1.761	0.013, 0.059	0.026, 0.097	0.013, 0.097
	5%, 95%	0.195, 1.424	0.158, 1.761	0.158, 1.761	0.013, 0.059	0.026, 0.097	0.013, 0.097
\$50,000 or more	N	3	9	12	5	7	12
	MEAN, GEO MEAN	0.453, 0.436	1.302, 0.935	1.090, 0.773	0.042, 0.035	0.047, 0.046	0.045, 0.041
	SD, SE	0.1543, 0.0891	1.1025, 0.3675	1.0177, 0.2938	0.0255, 0.0114	0.0120, 0.0045	0.0180, 0.0052
	MEDIAN	0.430	0.893	0.750	0.040	0.048	0.046
	MIN, MAX	0.312, 0.618	0.164, 3.675	0.164, 3.675	0.015, 0.079	0.029, 0.064	0.015, 0.079
	5%, 95%	0.312, 0.618	0.164, 3.675	0.164, 3.675	0.015, 0.079	0.029, 0.064	0.015, 0.079

* Overall values calculated by first averaging the results across visits within a subject, then calculating the descriptive statistics across subjects. Count of BLQ values does not apply as the BLQ values were converted to the upper limit of the BLQ (e.g., '<1.234' will be used as '1.234') for the averages across visits within a subject thus eliminating all BLQ values for the overall statistics.

TABLE 14.4-11
DESCRIPTIVE STATISTICS OF 24-HOUR URINE BIOMARKERS OF EXPOSURE BY TIMEPOINT FOR DEMOGRAPHIC CHARACTERISTIC: ANNUAL HOUSEHOLD INCOME
(Page 133 of 7)

Lst: Madison
Biomarker: NNAL-Glucuronide (pmol/L)
Timepoint: Week 1

Characteristic	Statistic	Smokers			Non-Smokers		
		Male	Female	Overall	Male	Female	Overall
\$19,999 or less	N	5	5	10	9	4	13
	MEAN, GEO MEAN	3625.9, 2860.3	2334.0, 1088.1	2979.9, 1764.2	96.0, NA	0.0, NA	66.4, NA
	SD, SE	2750.88, 1230.23	2177.83, 973.95	2436.16, 770.38	286.14, 95.38	0.00, 0.00	238.14, 66.05
	MEDIAN	1950.2	1699.3	1824.8	0.0	0.0	0.0
	MIN, MAX	1495.2, 7358.3	51.6, 5458.8	51.6, 7358.3	0.0, 859.0	0.0, 0.0	0.0, 859.0
	5%, 95%	1495.2, 7358.3	51.6, 5458.8	51.6, 7358.3	0.0, 859.0	0.0, 0.0	0.0, 859.0
	BLQ Values Included	0	0	0	9	4	13
\$20,000 to \$39,999	N	4	10	14	9	14	23
	MEAN, GEO MEAN	810.7, NA	2068.6, 1194.5	1709.2, NA	2.1, NA	0.3, NA	1.0, NA
	SD, SE	654.96, 327.48	2424.57, 766.72	2125.21, 567.99	4.63, 1.54	1.28, 0.34	3.09, 0.64
	MEDIAN	826.2	951.3	881.5	0.0	0.0	0.0
	MIN, MAX	0.0, 1590.3	203.2, 7462.5	0.0, 7462.5	0.0, 13.4	0.0, 4.8	0.0, 13.4
	5%, 95%	0.0, 1590.3	203.2, 7462.5	0.0, 7462.5	0.0, 13.4	0.0, 4.8	0.0, 5.7
	BLQ Values Included	1	0	1	9	14	23
\$40,000 to \$49,999	N	5	8	13	6	8	14
	MEAN, GEO MEAN	1352.0, 1047.5	1618.8, 992.9	1516.1, 1013.6	0.0, NA	0.0, NA	0.0, NA
	SD, SE	893.58, 399.62	1019.89, 360.58	944.02, 261.82	0.00, 0.00	0.00, 0.00	0.00, 0.00
	MEDIAN	1601.8	1682.3	1601.8	0.0	0.0	0.0
	MIN, MAX	384.3, 2279.1	35.9, 3119.9	35.9, 3119.9	0.0, 0.0	0.0, 0.0	0.0, 0.0
	5%, 95%	384.3, 2279.1	35.9, 3119.9	35.9, 3119.9	0.0, 0.0	0.0, 0.0	0.0, 0.0
	BLQ Values Included	0	1	1	6	8	14
\$50,000 or more	N	3	9	12	5	7	12
	MEAN, GEO MEAN	1673.5, 740.3	1567.4, 1000.5	1593.9, 927.9	43.0, NA	0.0, NA	17.9, NA
	SD, SE	2372.89, 1369.99	917.43, 305.81	1279.91, 369.48	86.64, 38.75	0.00, 0.00	56.75, 16.38
	MEDIAN	316.4	1736.6	1603.0	0.0	0.0	0.0
	MIN, MAX	290.6, 4413.4	24.4, 2857.0	24.4, 4413.4	0.0, 197.4	0.0, 0.0	0.0, 197.4
	5%, 95%	290.6, 4413.4	24.4, 2857.0	24.4, 4413.4	0.0, 197.4	0.0, 0.0	0.0, 197.4
	BLQ Values Included	0	0	0	5	7	12

TABLE 14.4-11
DESCRIPTIVE STATISTICS OF 24-HOUR URINE BIOMARKERS OF EXPOSURE BY TIMEPOINT FOR DEMOGRAPHIC CHARACTERISTIC: ANNUAL HOUSEHOLD INCOME
(Page 134 of 7)

Lab: Madison
Biomarker: NNAL-Glucuronide (pmol/L)
Timepoint: Week 3

Characteristic	Statistic	Smokers			Non-Smokers		
		Male	Female	Overall	Male	Female	Overall
\$19,999 or less	N	5	4	9	8	4	12
	MEAN, GEO MEAN	2206.0, 1771.4	2475.3, 1612.0	2325.7, 1698.7	1.6, NA	39.0, NA	14.0, NA
	SD, SE	1531.01, 684.69	2060.26, 1030.13	1668.51, 556.17	4.38, 1.55	48.43, 24.22	31.48, 9.09
	MEDIAN	2401.5	2193.1	2295.8	0.0	28.0	0.0
	MIN, MAX	710.8, 4514.7	268.2, 5247.0	268.2, 5247.0	0.0, 12.4	0.0, 99.9	0.0, 99.9
	5%, 95%	710.8, 4514.7	268.2, 5247.0	268.2, 5247.0	0.0, 12.4	0.0, 99.9	0.0, 99.9
	BLQ Values Included	0	0	0	8	3	11
\$20,000 to \$39,999	N	5	8	13	9	16	25
	MEAN, GEO MEAN	1065.4, NA	2137.8, 1534.6	1702.2, NA	1.2, NA	1.8, NA	1.5, NA
	SD, SE	1210.95, 541.55	1902.28, 672.56	1711.27, 474.62	3.50, 1.17	7.05, 1.76	5.94, 1.19
	MEDIAN	467.5	1593.0	1213.2	0.0	0.0	0.0
	MIN, MAX	0.0, 3020.5	428.8, 5911.9	0.0, 5911.9	0.0, 10.5	0.0, 28.2	0.0, 28.2
	5%, 95%	0.0, 3020.5	428.8, 5911.9	0.0, 5911.9	0.0, 10.5	0.0, 28.2	0.0, 10.5
	BLQ Values Included	1	0	1	9	16	25
\$40,000 to \$49,999	N	5	8	13	6	9	15
	MEAN, GEO MEAN	1227.0, 1110.5	3043.0, 1180.7	2344.6, 1153.2	0.2, NA	0.0, NA	0.1, NA
	SD, SE	499.85, 223.54	3376.79, 1193.87	2753.26, 763.62	0.41, 0.17	0.00, 0.00	0.26, 0.07
	MEDIAN	1325.5	1846.3	1443.6	0.0	0.0	0.0
	MIN, MAX	424.9, 1803.0	11.0, 9536.6	11.0, 9536.6	0.0, 1.0	0.0, 0.0	0.0, 1.0
	5%, 95%	424.9, 1803.0	11.0, 9536.6	11.0, 9536.6	0.0, 1.0	0.0, 0.0	0.0, 1.0
	BLQ Values Included	0	0	0	6	9	15
\$50,000 or more	N	2	9	11	5	7	12
	MEAN, GEO MEAN	1289.2, 1231.6	1110.7, 754.3	1143.1, 824.6	6.3, NA	0.0, NA	2.6, NA
	SD, SE	538.74, 380.95	717.16, 239.05	667.61, 201.29	14.09, 6.30	0.00, 0.00	9.09, 2.63
	MEDIAN	1289.2	935.4	935.4	0.0	0.0	0.0
	MIN, MAX	908.2, 1670.1	35.4, 2181.1	35.4, 2181.1	0.0, 31.5	0.0, 0.0	0.0, 31.5
	5%, 95%	908.2, 1670.1	35.4, 2181.1	35.4, 2181.1	0.0, 31.5	0.0, 0.0	0.0, 31.5
	BLQ Values Included	0	0	0	4	7	11

TABLE 14.4-11
DESCRIPTIVE STATISTICS OF 24-HOUR URINE BIOMARKERS OF EXPOSURE BY TIMEPOINT FOR DEMOGRAPHIC CHARACTERISTIC: ANNUAL HOUSEHOLD INCOME
(Page 135 of 7)

Lab: Madison
Biomarker: NNAL-Glucuronide (pmoVL)
Timepoint: Overall*

Characteristic	Statistic	Smokers			Non-Smokers		
		Male	Female	Overall	Male	Female	Overall
\$19,999 or less	N	5	5	10	9	4	13
	MEAN, GEO MEAN	2916.0, 2500.3	2246.5, 1335.4	2581.2, 1827.3	48.7, NA	19.5, NA	39.7, NA
	SD, SE	1641.29, 734.01	2026.52, 906.29	1773.98, 560.98	142.82, 47.61	24.24, 12.12	118.08, 32.75
	MEDIAN	3005.0	1894.8	2413.1	0.0	14.0	0.0
	MIN, MAX	1126.9, 4879.9	159.9, 5352.9	159.9, 5352.9	0.0, 429.5	0.0, 50.0	0.0, 429.5
	5%, 95%	1126.9, 4879.9	159.9, 5352.9	159.9, 5352.9	0.0, 429.5	0.0, 50.0	0.0, 429.5
\$20,000 to \$39,999	N	5	10	15	10	16	26
	MEAN, GEO MEAN	873.8, NA	1964.3, 1268.0	1600.8, NA	1.5, NA	1.0, NA	1.2, NA
	SD, SE	872.84, 390.35	2051.41, 648.71	1790.58, 462.33	2.56, 0.81	3.54, 0.88	3.15, 0.62
	MEDIAN	627.9	1082.4	968.0	0.0	0.0	0.0
	MIN, MAX	0.0, 2305.4	316.0, 5778.3	0.0, 5778.3	0.0, 6.7	0.0, 14.1	0.0, 14.1
	5%, 95%	0.0, 2305.4	316.0, 5778.3	0.0, 5778.3	0.0, 6.7	0.0, 14.1	0.0, 6.7
\$40,000 to \$49,999	N	5	8	13	6	9	15
	MEAN, GEO MEAN	1289.5, 1126.7	2330.9, 1170.4	1930.4, 1153.4	0.1, NA	0.0, NA	0.0, NA
	SD, SE	614.26, 274.70	2016.49, 712.94	1666.08, 462.09	0.20, 0.08	0.00, 0.00	0.13, 0.03
	MEDIAN	1702.4	1902.0	1702.7	0.0	0.0	0.0
	MIN, MAX	404.6, 1756.7	23.5, 5668.4	23.5, 5668.4	0.0, 0.5	0.0, 0.0	0.0, 0.5
	5%, 95%	404.6, 1756.7	23.5, 5668.4	23.5, 5668.4	0.0, 0.5	0.0, 0.0	0.0, 0.5
\$50,000 or more	N	3	9	12	5	7	12
	MEAN, GEO MEAN	2002.0, 1379.9	1339.0, 893.0	1504.8, 995.7	24.7, NA	0.0, NA	10.3, NA
	SD, SE	2097.57, 1211.03	801.00, 267.00	1164.68, 336.22	50.36, 22.52	0.00, 0.00	32.92, 9.50
	MEDIAN	993.3	1314.8	1169.9	0.0	0.0	0.0
	MIN, MAX	599.4, 4413.4	29.9, 2519.1	29.9, 4413.4	0.0, 114.5	0.0, 0.0	0.0, 114.5
	5%, 95%	599.4, 4413.4	29.9, 2519.1	29.9, 4413.4	0.0, 114.5	0.0, 0.0	0.0, 114.5

*Overall values calculated by first averaging the results across visits within a subject, then calculating the descriptive statistics across subjects. Count of BLQ values does not apply as the BLQ values were converted to the upper limit of the BLQ (e.g., '<1.234' will be used as '1.234') for the averages across visits within a subject thus eliminating all BLQ values for the overall statistics.

TABLE 14.4-11
DESCRIPTIVE STATISTICS OF 24-HOUR URINE BIOMARKERS OF EXPOSURE BY TIMEPOINT FOR DEMOGRAPHIC CHARACTERISTIC: ANNUAL HOUSEHOLD INCOME
(Page 136 of 7)

Lab: Madison
Biomarker: NNAL-Glucuronide (pmol/24hr)
Timepoint: Week 1

Characteristic	Statistic	Smokers			Non-Smokers		
		Male	Female	Overall	Male	Female	Overall
\$19,999 or less	N	5	5	10	9	4	13
	MEAN, GEO MEAN	3907.650, 3052.260	3332.970, 1680.800	3620.310, 2265.000	95.136, NA	0.000, NA	65.863, NA
	SD, SE	3027.2600, 1353.8300	3400.3900, 1520.7000	3050.2000, 964.5570	280.0470, 93.3491	0.0000, 0.0000	233.1800, 64.6725
	MEDIAN	2870.780	3007.760	2939.270	0.000	0.000	0.000
	MIN, MAX	1157.250, 8646.003	149.640, 8788.668	149.640, 8788.668	0.000, 841.820	0.000, 0.000	0.000, 841.820
	5%, 95%	1157.250, 8646.000	149.640, 8788.670	149.640, 8788.670	0.000, 841.820	0.000, 0.000	0.000, 841.820
	BLQ Values Included	0	0	0	9	4	13
\$20,000 to \$39,999	N	4	10	14	9	14	23
	MEAN, GEO MEAN	1727.070, NA	2784.490, 2079.060	2482.370, NA	6.411, NA	0.336, NA	2.713, NA
	SD, SE	1990.7000, 995.3500	2264.8900, 716.2220	2170.6200, 580.1240	16.8408, 5.6136	1.2572, 0.3360	10.6422, 2.2191
	MEDIAN	1156.150	1976.590	1898.750	0.000	0.000	0.000
	MIN, MAX	0.000, 4595.967	706.092, 7630.840	0.000, 7630.840	0.000, 50.920	0.000, 4.704	0.000, 50.920
	5%, 95%	0.000, 4595.970	706.092, 7630.840	0.000, 7630.840	0.000, 50.920	0.000, 4.704	0.000, 6.783
	BLQ Values Included	1	0	1	9	14	23
\$40,000 to \$49,999	N	5	8	13	6	8	14
	MEAN, GEO MEAN	2900.120, 2366.100	2574.470, 1631.260	2699.720, 1882.100	0.000, NA	0.000, NA	0.000, NA
	SD, SE	1758.8200, 786.5670	1883.7500, 666.0060	1768.7000, 490.5490	0.0000, 0.0000	0.0000, 0.0000	0.0000, 0.0000
	MEDIAN	3760.520	2458.640	2617.470	0.000	0.000	0.000
	MIN, MAX	1022.346, 4835.830	98.725, 6137.740	98.725, 6137.740	0.000, 0.000	0.000, 0.000	0.000, 0.000
	5%, 95%	1022.350, 4835.830	98.725, 6137.740	98.725, 6137.740	0.000, 0.000	0.000, 0.000	0.000, 0.000
	BLQ Values Included	0	1	1	6	8	14
\$50,000 or more	N	3	9	12	5	7	12
	MEAN, GEO MEAN	2812.410, 1462.500	3116.420, 2000.290	3040.410, 1849.670	39.026, NA	0.000, NA	16.261, NA
	SD, SE	3718.4100, 2146.8200	1915.0100, 638.3380	2280.3400, 658.2760	75.8609, 33.9260	0.0000, 0.0000	49.9651, 14.4237
	MEDIAN	721.392	3185.620	3179.180	0.000	0.000	0.000
	MIN, MAX	610.260, 7105.574	51.240, 6561.765	51.240, 7105.574	0.000, 173.712	0.000, 0.000	0.000, 173.712
	5%, 95%	610.260, 7105.570	51.240, 6561.770	51.240, 7105.570	0.000, 173.712	0.000, 0.000	0.000, 173.712
	BLQ Values Included	0	0	0	5	7	12

TABLE 14.4-11
DESCRIPTIVE STATISTICS OF 24-HOUR URINE BIOMARKERS OF EXPOSURE BY TIMEPOINT FOR DEMOGRAPHIC CHARACTERISTIC: ANNUAL HOUSEHOLD INCOME
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Lab: Madison
Biomarker: NNAL-Glucuronide (pmol/24hr)
Timepoint: Week 3

Characteristic	Statistic	Smokers			Non-Smokers		
		Male	Female	Overall	Male	Female	Overall
\$19,999 or less	N	5	4	9	8	4	12
	MEAN, GEO MEAN	3347.090, 2787.410	3349.150, 2206.800	3348.000, 2512.570	1.736, NA	82.316, NA	28.596, NA
	SD, SE	2383.4200, 1065.9000	2690.8100, 1345.4100	2357.0100, 785.6710	4.9101, 1.7360	95.1121, 47.5561	63.6916, 18.3862
	MEDIAN	2528.230	3100.000	2528.230	0.000	80.217	0.000
	MIN, MAX	1450.880, 7252.530	375.480, 6821.100	375.480, 7252.530	0.000, 13.888	0.000, 168.831	0.000, 168.831
	5%, 95%	1450.880, 7252.530	375.480, 6821.100	375.480, 7252.530	0.000, 13.888	0.000, 168.831	0.000, 168.831
	BLQ Values Included	0	0	0	8	3	11
\$20,000 to \$39,999	N	5	8	13	9	16	25
	MEAN, GEO MEAN	1836.680, NA	2884.840, 2635.200	2481.700, NA	4.013, NA	1.657, NA	2.505, NA
	SD, SE	2725.2800, 1218.7800	1302.7800, 460.6070	1935.8400, 536.9050	12.0400, 4.0133	6.6270, 1.6568	8.7808, 1.7562
	MEDIAN	911.625	2552.980	1975.520	0.000	0.000	0.000
	MIN, MAX	0.000, 6645.100	1309.959, 4818.199	0.000, 6645.100	0.000, 36.120	0.000, 26.508	0.000, 36.120
	5%, 95%	0.000, 6645.100	1309.960, 4818.200	0.000, 6645.100	0.000, 36.120	0.000, 26.508	0.000, 26.508
	BLQ Values Included	1	0	1	9	16	25
\$40,000 to \$49,999	N	5	8	13	6	9	15
	MEAN, GEO MEAN	3157.640, 2680.130	4433.550, 1704.140	3942.820, 2028.330	0.483, NA	0.000, NA	0.193, NA
	SD, SE	1690.2700, 755.9110	5487.8300, 1940.2400	4351.7300, 1206.9500	1.1839, 0.4833	0.0000, 0.0000	0.7488, 0.1933
	MEDIAN	4175.330	2953.910	3103.740	0.000	0.000	0.000
	MIN, MAX	977.270, 4687.800	20.460, 17356.612	20.460, 17356.612	0.000, 2.900	0.000, 0.000	0.000, 2.900
	5%, 95%	977.270, 4687.800	20.460, 17356.600	20.460, 17356.600	0.000, 2.900	0.000, 0.000	0.000, 2.900
	BLQ Values Included	0	0	0	6	9	15
\$50,000 or more	N	2	9	11	5	7	12
	MEAN, GEO MEAN	1559.420, 1551.100	2565.640, 1668.280	2382.690, 1646.340	8.190, NA	0.000, NA	3.413, NA
	SD, SE	227.3880, 160.7880	1827.1700, 609.0580	1685.7300, 508.2680	18.3134, 8.1900	0.0000, 0.0000	11.8212, 3.4125
	MEDIAN	1559.420	2146.740	2093.750	0.000	0.000	0.000
	MIN, MAX	1398.628, 1720.203	65.136, 6216.135	65.136, 6216.135	0.000, 40.950	0.000, 0.000	0.000, 40.950
	5%, 95%	1398.630, 1720.200	65.136, 6216.140	65.136, 6216.140	0.000, 40.950	0.000, 0.000	0.000, 40.950
	BLQ Values Included	0	0	0	4	7	11

TABLE 14.4-11
DESCRIPTIVE STATISTICS OF 24-HOUR URINE BIOMARKERS OF EXPOSURE BY TIMEPOINT FOR DEMOGRAPHIC CHARACTERISTIC: ANNUAL HOUSEHOLD INCOME
(Page 138 of 7)

Lab: Madison
Biomarker: NNAL-Glucuronide (pmol/24hr)
Timepoint: Overall*

Characteristic	Statistic	Smokers			Non-Smokers		
		Male	Female	Overall	Male	Female	Overall
\$19,999 or less	N	5	5	10	9	4	13
	MEAN, GEO MEAN	3627.370, 2937.990	3094.590, 1798.380	3360.980, 2298.620	48.339, NA	41.158, NA	46.130, NA
	SD, SE	2698.9300, 1207.0000	2985.4600, 1335.1400	2697.7000, 853.0880	139.7480, 46.5825	47.5564, 23.7782	116.6060, 32.3406
	MEDIAN	2699.510	2758.060	2728.790	0.000	40.109	0.000
	MIN, MAX	1396.050, 7949.270	262.560, 7804.880	262.560, 7949.270	0.000, 420.910	0.000, 84.416	0.000, 420.910
	5%, 95%	1396.050, 7949.270	262.560, 7804.880	262.560, 7949.270	0.000, 420.910	0.000, 84.416	0.000, 420.910
\$20,000 to \$39,999	N	5	10	15	10	16	26
	MEAN, GEO MEAN	1700.330, NA	2681.660, 2233.130	2354.550, NA	4.691, NA	0.975, NA	2.405, NA
	SD, SE	2232.5900, 998.4450	1725.1100, 545.5280	1888.5300, 487.6170	9.2244, 2.9170	3.3264, 0.8316	6.3773, 1.2507
	MEDIAN	911.625	2191.750	1924.140	0.000	0.000	0.000
	MIN, MAX	0.000, 5620.530	784.704, 6224.520	0.000, 6224.520	0.000, 25.460	0.000, 13.254	0.000, 25.460
	5%, 95%	0.000, 5620.530	784.704, 6224.520	0.000, 6224.520	0.000, 25.460	0.000, 13.254	0.000, 18.060
\$40,000 to \$49,999	N	5	8	13	6	9	15
	MEAN, GEO MEAN	3028.890, 2681.100	3504.010, 1838.360	3321.270, 2125.510	0.242, NA	0.000, NA	0.097, NA
	SD, SE	1429.5300, 639.3030	3119.4600, 1102.9000	2532.8800, 702.4950	0.5920, 0.2417	0.0000, 0.0000	0.3744, 0.0967
	MEDIAN	2731.860	2858.100	2731.860	0.000	0.000	0.000
	MIN, MAX	1007.440, 4540.230	59.593, 10073.400	59.593, 10073.400	0.000, 1.450	0.000, 0.000	0.000, 1.450
	5%, 95%	1007.440, 4540.230	59.593, 10073.400	59.593, 10073.400	0.000, 1.450	0.000, 0.000	0.000, 1.450
\$50,000 or more	N	3	9	12	5	7	12
	MEAN, GEO MEAN	3110.270, 2057.730	2841.030, 1860.710	2908.340, 1908.120	23.608, NA	0.000, NA	9.837, NA
	SD, SE	3461.7200, 1998.6300	1784.0600, 594.6860	2123.3100, 612.9480	47.0317, 21.0332	0.0000, 0.0000	30.8567, 8.9076
	MEDIAN	1220.800	2648.700	2644.190	0.000	0.000	0.000
	MIN, MAX	1004.440, 7105.570	58.188, 5536.520	58.188, 7105.570	0.000, 107.331	0.000, 0.000	0.000, 107.331
	5%, 95%	1004.440, 7105.570	58.188, 5536.520	58.188, 7105.570	0.000, 107.331	0.000, 0.000	0.000, 107.331

* Overall values calculated by first averaging the results across visits within a subject, then calculating the descriptive statistics across subjects. Count of BLQ values does not apply as the BLQ values were converted to the upper limit of the BLQ (e.g., '<1.234' will be used as '1.234') for the averages across visits within a subject thus eliminating all BLQ values for the overall statistics.

TABLE 14.4-11
DESCRIPTIVE STATISTICS OF 24-HOUR URINE BIOMARKERS OF EXPOSURE BY TIMEPOINT FOR DEMOGRAPHIC CHARACTERISTIC: ANNUAL HOUSEHOLD INCOME
(Page 139 of 7)

Lab: Madison
Biomarker: NNAL-Glucuronide (pmol/mg Creatin)
Timepoint: Week 1

Characteristic	Statistic	Smokers			Non-Smokers		
		Male	Female	Overall	Male	Female	Overall
\$19,999 or less	N	5	5	10	9	4	13
	MEAN, GEO MEAN	3.204, 2.129	2.569, 1.246	2.937, 1.629	0.070, NA	0.000, NA	0.048, NA
	SD, SE	3.2422, 1.4500	2.9991, 1.3412	2.9698, 0.9391	0.2078, 0.0693	0.0000, 0.0000	0.1729, 0.0480
	MEDIAN	2.880	2.190	2.237	0.000	0.000	0.000
	MIN, MAX	0.538, 8.643	0.135, 7.656	0.135, 8.643	0.000, 0.624	0.000, 0.000	0.000, 0.624
	5%, 95%	0.538, 8.643	0.135, 7.656	0.135, 8.643	0.000, 0.624	0.000, 0.000	0.000, 0.624
	BLQ Values Included	0	0	0	9	4	13
\$20,000 to \$39,999	N	4	10	14	9	14	23
	MEAN, GEO MEAN	1.446, NA	2.786, 2.215	2.403, NA	0.003, NA	0.000, NA	0.001, NA
	SD, SE	1.7249, 0.8625	1.8088, 0.5720	1.8294, 0.4889	0.0079, 0.0026	0.0008, 0.0002	0.0050, 0.0011
	MEDIAN	0.919	2.473	2.022	0.000	0.000	0.000
	MIN, MAX	0.000, 3.946	0.668, 5.456	0.000, 5.456	0.000, 0.024	0.000, 0.003	0.000, 0.024
	5%, 95%	0.000, 3.946	0.668, 5.456	0.000, 5.456	0.000, 0.024	0.000, 0.003	0.000, 0.004
	BLQ Values Included	1	0	1	9	14	23
\$40,000 to \$49,999	N	5	8	13	6	8	14
	MEAN, GEO MEAN	2.031, 1.761	2.029, 1.279	2.030, 1.446	0.000, NA	0.000, NA	0.000, NA
	SD, SE	1.0519, 0.4704	1.4182, 0.5014	1.2418, 0.3444	0.0000, 0.0000	0.0000, 0.0000	0.0000, 0.0000
	MEDIAN	2.338	1.942	1.985	0.000	0.000	0.000
	MIN, MAX	0.695, 3.178	0.082, 4.372	0.082, 4.372	0.000, 0.000	0.000, 0.000	0.000, 0.000
	5%, 95%	0.695, 3.178	0.082, 4.372	0.082, 4.372	0.000, 0.000	0.000, 0.000	0.000, 0.000
	BLQ Values Included	0	1	1	6	8	14
\$50,000 or more	N	3	9	12	5	7	12
	MEAN, GEO MEAN	1.827, 1.192	2.881, 1.677	2.618, 1.540	0.023, NA	0.000, NA	0.010, NA
	SD, SE	1.9211, 1.1091	2.2589, 0.7530	2.1470, 0.6198	0.0470, 0.0210	0.0000, 0.0000	0.0308, 0.0089
	MEDIAN	1.080	2.355	2.193	0.000	0.000	0.000
	MIN, MAX	0.391, 4.009	0.027, 7.951	0.027, 7.951	0.000, 0.107	0.000, 0.000	0.000, 0.107
	5%, 95%	0.391, 4.009	0.027, 7.951	0.027, 7.951	0.000, 0.107	0.000, 0.000	0.000, 0.107
	BLQ Values Included	0	0	0	5	7	12

TABLE 14.4-11
DESCRIPTIVE STATISTICS OF 24-HOUR URINE BIOMARKERS OF EXPOSURE BY TIMEPOINT FOR DEMOGRAPHIC CHARACTERISTIC: ANNUAL HOUSEHOLD INCOME
(Page 140 of 7)

Lab: Madison
Biomarker: NNAL-Glucuronide (pmol/mg Creatin)
Timepoint: Week 3

Characteristic	Statistic	Smokers			Non-Smokers		
		Male	Female	Overall	Male	Female	Overall
\$19,999 or less	N	5	4	9	8	4	12
	MEAN, GEO MEAN	2.464, 1.960	2.791, 1.814	2.609, 1.894	0.001, NA	0.076, NA	0.026, NA
	SD, SE	1.5737, 0.7038	2.8661, 1.4331	2.0853, 0.6951	0.0021, 0.0008	0.0887, 0.0443	0.0592, 0.0171
	MEDIAN	3.124	1.877	1.939	0.000	0.066	0.000
	MIN, MAX	0.737, 4.312	0.442, 6.968	0.442, 6.968	0.000, 0.006	0.000, 0.171	0.000, 0.171
	5%, 95%	0.737, 4.312	0.442, 6.968	0.442, 6.968	0.000, 0.006	0.000, 0.171	0.000, 0.171
	BLQ Values Included	0	0	0	8	3	11
\$20,000 to \$39,999	N	5	8	13	9	16	25
	MEAN, GEO MEAN	1.274, NA	2.640, 2.475	2.115, NA	0.002, NA	0.001, NA	0.002, NA
	SD, SE	1.7051, 0.7625	0.9850, 0.3483	1.4190, 0.3936	0.0053, 0.0021	0.0048, 0.0012	0.0053, 0.0011
	MEDIAN	0.803	2.655	1.794	0.000	0.000	0.000
	MIN, MAX	0.000, 4.266	1.489, 4.083	0.000, 4.266	0.000, 0.019	0.000, 0.019	0.000, 0.019
	5%, 95%	0.000, 4.266	1.489, 4.083	0.000, 4.266	0.000, 0.019	0.000, 0.019	0.000, 0.019
	BLQ Values Included	1	0	1	9	16	25
\$40,000 to \$49,999	N	5	8	13	6	9	15
	MEAN, GEO MEAN	1.919, 1.648	2.938, 1.318	2.546, 1.436	0.000, NA	0.000, NA	0.000, NA
	SD, SE	1.0517, 0.4703	3.0335, 1.0725	2.4500, 0.6795	0.0008, 0.0003	0.0000, 0.0000	0.0005, 0.0001
	MEDIAN	1.791	2.477	1.990	0.000	0.000	0.000
	MIN, MAX	0.594, 3.314	0.020, 9.761	0.020, 9.761	0.000, 0.002	0.000, 0.000	0.000, 0.002
	5%, 95%	0.594, 3.314	0.020, 9.761	0.020, 9.761	0.000, 0.002	0.000, 0.000	0.000, 0.002
	BLQ Values Included	0	0	0	6	9	15
\$50,000 or more	N	2	9	11	5	7	12
	MEAN, GEO MEAN	1.307, 1.292	2.462, 1.443	2.252, 1.415	0.005, NA	0.000, NA	0.002, NA
	SD, SE	0.2786, 0.1970	2.1752, 0.7251	2.0028, 0.6039	0.0103, 0.0046	0.0000, 0.0000	0.0066, 0.0019
	MEDIAN	1.307	1.831	1.642	0.000	0.000	0.000
	MIN, MAX	1.110, 1.504	0.043, 6.216	0.043, 6.216	0.000, 0.023	0.000, 0.000	0.000, 0.023
	5%, 95%	1.110, 1.504	0.043, 6.216	0.043, 6.216	0.000, 0.023	0.000, 0.000	0.000, 0.023
	BLQ Values Included	0	0	0	4	7	11

TABLE 14.4-11
DESCRIPTIVE STATISTICS OF 24-HOUR URINE BIOMARKERS OF EXPOSURE BY TIMEPOINT FOR DEMOGRAPHIC CHARACTERISTIC: ANNUAL HOUSEHOLD INCOME
(Page 141 of ?)

Lab: Madison
Biomarker: NNAL-Glucuronide (pmol/mg Creatin)
Timepoint: Overall*

Characteristic	Statistic	Smokers			Non-Smokers		
		Male	Female	Overall	Male	Female	Overall
\$19,999 or less	N	5	5	10	9	4	13
	MEAN, GEO MEAN	2.884, 2.085	2.459, 1.390	2.672, 1.703	0.035, NA	0.038, NA	0.036, NA
	SD, SE	2.3481, 1.0501	2.8335, 1.2672	2.4636, 0.7790	0.1038, 0.0346	0.0446, 0.0223	0.0876, 0.0243
	MEDIAN	3.065	2.003	2.058	0.000	0.033	0.000
	MIN, MAX	0.718, 6.478	0.289, 7.312	0.289, 7.312	0.000, 0.312	0.000, 0.086	0.000, 0.312
	5%, 95%	0.718, 6.478	0.289, 7.312	0.289, 7.312	0.000, 0.312	0.000, 0.086	0.000, 0.312
\$20,000 to \$39,999	N	5	10	15	10	16	26
	MEAN, GEO MEAN	1.264, NA	2.756, 2.308	2.258, NA	0.002, NA	0.001, NA	0.001, NA
	SD, SE	1.6284, 0.7283	1.5902, 0.5029	1.7067, 0.4407	0.0046, 0.0015	0.0025, 0.0006	0.0035, 0.0007
	MEDIAN	0.807	2.477	1.928	0.000	0.000	0.000
	MIN, MAX	0.000, 4.106	0.668, 5.456	0.000, 5.456	0.000, 0.012	0.000, 0.010	0.000, 0.012
	5%, 95%	0.000, 4.106	0.668, 5.456	0.000, 5.456	0.000, 0.012	0.000, 0.010	0.000, 0.010
\$40,000 to \$49,999	N	5	8	13	6	9	15
	MEAN, GEO MEAN	1.975, 1.775	2.483, 1.396	2.288, 1.531	0.000, NA	0.000, NA	0.000, NA
	SD, SE	0.9740, 0.4356	1.8751, 0.6630	1.5599, 0.4326	0.0004, 0.0002	0.0000, 0.0000	0.0003, 0.0001
	MEDIAN	1.847	2.438	1.988	0.000	0.000	0.000
	MIN, MAX	0.892, 3.246	0.051, 5.830	0.051, 5.830	0.000, 0.001	0.000, 0.000	0.000, 0.001
	5%, 95%	0.892, 3.246	0.051, 5.830	0.051, 5.830	0.000, 0.001	0.000, 0.000	0.000, 0.001
\$50,000 or more	N	3	9	12	5	7	12
	MEAN, GEO MEAN	2.017, 1.608	2.672, 1.585	2.508, 1.591	0.014, NA	0.000, NA	0.006, NA
	SD, SE	1.7264, 0.9967	2.1666, 0.7222	2.0109, 0.5805	0.0286, 0.0128	0.0000, 0.0000	0.0187, 0.0054
	MEDIAN	1.095	2.024	1.864	0.000	0.000	0.000
	MIN, MAX	0.948, 4.009	0.035, 7.084	0.035, 7.084	0.000, 0.065	0.000, 0.000	0.000, 0.065
	5%, 95%	0.948, 4.009	0.035, 7.084	0.035, 7.084	0.000, 0.065	0.000, 0.000	0.000, 0.065

* Overall values calculated by first averaging the results across visits within a subject, then calculating the descriptive statistics across subjects. Count of BLQ values does not apply as the BLQ values were converted to the upper limit of the BLQ (e.g., '<1.234' will be used as '1.234' for the averages across visits within a subject thus eliminating all BLQ values for the overall statistics.

TABLE 14.4-11
DESCRIPTIVE STATISTICS OF 24-HOUR URINE BIOMARKERS OF EXPOSURE BY TIMEPOINT FOR DEMOGRAPHIC CHARACTERISTIC: ANNUAL HOUSEHOLD INCOME
(Page 142 of 7)

Lab: INBIFO
Biomarker: Total Nicotine (nmol/24hr)
Timepoint: Week 1

Characteristic	Statistic	Smokers			Non-Smokers		
		Male	Female	Overall	Male	Female	Overall
\$19,999 or less	N	1	0	1	1	0	1
	MEAN, GEO MEAN	25327.800, 25327.800	NA, NA	25327.800, 25327.800	38.100, 38.100	NA, NA	38.100, 38.100
	SD, SE	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
	MEDIAN	25327.800	NA	25327.800	38.100	NA	38.100
	MIN, MAX	25327.788, 25327.788	NA, NA	25327.788, 25327.788	38.100, 38.100	NA, NA	38.100, 38.100
	5%, 95%	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
\$20,000 to \$39,999	BLQ Values Included	0	NA	0	1	NA	1
	N	1	1	2	0	1	1
	MEAN, GEO MEAN	5605.100, 5605.100	7159.230, 7159.230	6382.170, 6334.680	NA, NA	40.742, 40.742	40.742, 40.742
	SD, SE	NA, NA	NA, NA	1098.9300, 777.0630	NA, NA	NA, NA	NA, NA
	MEDIAN	5605.100	7159.230	6382.170	NA	40.742	40.742
	MIN, MAX	5605.104, 5605.104	7159.230, 7159.230	5605.104, 7159.230	NA, NA	40.742, 40.742	40.742, 40.742
\$40,000 to \$49,999	5%, 95%	NA, NA	NA, NA	5605.100, 7159.230	NA, NA	NA, NA	NA, NA
	BLQ Values Included	0	0	0	NA	1	1
	N	0	1	1	0	1	1
	MEAN, GEO MEAN	NA, NA	13250.800, 13250.800	13250.800, 13250.800	NA, NA	15.240, 15.240	15.240, 15.240
	SD, SE	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
	MEDIAN	NA	13250.800	13250.800	NA	15.240	15.240
\$50,000 or more	MIN, MAX	NA, NA	13250.825, 13250.825	13250.825, 13250.825	NA, NA	15.240, 15.240	15.240, 15.240
	5%, 95%	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
	BLQ Values Included	NA	0	0	NA	1	1
	N	1	1	2	0	0	0
	MEAN, GEO MEAN	23200.400, 23200.400	5497.130, 5497.130	14348.800, 11293.200	NA, NA	NA, NA	NA, NA
	SD, SE	NA, NA	NA, NA	12518.1000, 8851.6500	NA, NA	NA, NA	NA, NA
	MEDIAN	23200.400	5497.130	14348.800	NA	NA	NA
	MIN, MAX	23200.422, 23200.422	5497.128, 5497.128	5497.128, 23200.422	NA, NA	NA, NA	NA, NA
	5%, 95%	NA, NA	NA, NA	5497.130, 23200.400	NA, NA	NA, NA	NA, NA
	BLQ Values Included	0	0	0	NA	NA	NA

TABLE 14.4-11
DESCRIPTIVE STATISTICS OF 24-HOUR URINE BIOMARKERS OF EXPOSURE BY TIMEPOINT FOR DEMOGRAPHIC CHARACTERISTIC: ANNUAL HOUSEHOLD INCOME
(Page 143 of 7)

Lab: INBIFO
Biomarker: Total Nicotine (nmol/24hr)
Timepoint: Week 2

Characteristic	Statistic	Smokers			Non-Smokers		
		Male	Female	Overall	Male	Female	Overall
\$19,999 or less	N	1	0	1	1	0	1
	MEAN, GEO MEAN	19866.700, 19866.700	NA, NA	19866.700, 19866.700	34.925, 34.925	NA, NA	34.925, 34.925
	SD, SE	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
	MEDIAN	19866.700	NA	19866.700	34.925	NA	34.925
	MIN, MAX	19866.660, 19866.660	NA, NA	19866.660, 19866.660	34.925, 34.925	NA, NA	34.925, 34.925
	5%, 95%	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
\$20,000 to \$39,999	BLQ Values Included	0	NA	0	1	NA	1
	N	1	1	2	0	2	2
	MEAN, GEO MEAN	6300.790, 6300.790	9159.570, 9159.570	7730.180, 7596.880	NA, NA	39.847, 39.707	39.847, 39.707
	SD, SE	NA, NA	NA, NA	2021.4600, 1429.3900	NA, NA	4.7143, 3.3335	4.7143, 3.3335
	MEDIAN	6300.790	9159.570	7730.180	NA	39.847	39.847
	MIN, MAX	6300.791, 6300.791	9159.570, 9159.570	6300.791, 9159.570	NA, NA	36.513, 43.180	36.513, 43.180
\$40,000 to \$49,999	5%, 95%	NA, NA	NA, NA	6300.790, 9159.570	NA, NA	36.513, 43.180	36.513, 43.180
	BLQ Values Included	0	0	0	NA	2	2
	N	0	1	1	0	1	1
	MEAN, GEO MEAN	NA, NA	17323.400, 17323.400	17323.400, 17323.400	NA, NA	51.376, 51.376	51.376, 51.376
	SD, SE	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
	MEDIAN	NA	17323.400	17323.400	NA	51.376	51.376
\$50,000 or more	MIN, MAX	NA, NA	17323.410, 17323.410	17323.410, 17323.410	NA, NA	51.376, 51.376	51.376, 51.376
	5%, 95%	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
	BLQ Values Included	NA	0	0	NA	0	0
	N	1	1	2	1	0	1
	MEAN, GEO MEAN	14725.700, 14725.700	6837.730, 6837.730	10781.700, 10034.500	36.830, 36.830	NA, NA	36.830, 36.830
	SD, SE	NA, NA	NA, NA	5577.6400, 3943.9900	NA, NA	NA, NA	NA, NA
	MEDIAN	14725.700	6837.730	10781.700	36.830	NA	36.830
	MIN, MAX	14725.704, 14725.704	6837.732, 6837.732	6837.732, 14725.704	36.830, 36.830	NA, NA	36.830, 36.830
	5%, 95%	NA, NA	NA, NA	6837.730, 14725.700	NA, NA	NA, NA	NA, NA
	BLQ Values Included	0	0	0	1	NA	1
	N	1	1	2	1	0	1
	MEAN, GEO MEAN	14725.700, 14725.700	6837.730, 6837.730	10781.700, 10034.500	36.830, 36.830	NA, NA	36.830, 36.830

TABLE 14.4-11
DESCRIPTIVE STATISTICS OF 24-HOUR URINE BIOMARKERS OF EXPOSURE BY TIMEPOINT FOR DEMOGRAPHIC CHARACTERISTIC: ANNUAL HOUSEHOLD INCOME
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Lab: INBIFO
Biomarker: Total Nicotine (nmol/24hr)
Timepoint: Week 3

Characteristic	Statistic	Smokers			Non-Smokers		
		Male	Female	Overall	Male	Female	Overall
\$19,999 or less	N	1	0	1	2	0	2
	MEAN, GEO MEAN	14156.800, 14156.800	NA, NA	14156.800, 14156.800	31.585, 31.125	NA, NA	31.585, 31.125
	SD, SE	NA, NA	NA, NA	NA, NA	7.5972, 5.3720	NA, NA	7.5972, 5.3720
	MEDIAN	14156.800	NA	14156.800	31.585	NA	31.585
	MIN, MAX	14156.770, 14156.770	NA, NA	14156.770, 14156.770	26.213, 36.957	NA, NA	26.213, 36.957
	5%, 95%	NA, NA	NA, NA	NA, NA	26.213, 36.957	NA, NA	26.213, 36.957
	BLQ Values Included	0	NA	0	2	NA	2
\$20,000 to \$39,999	N	1	1	2	0	2	2
	MEAN, GEO MEAN	2723.710, 2723.710	6884.750, 6884.750	4804.230, 4330.360	NA, NA	32.258, 31.150	32.258, 31.150
	SD, SE	NA, NA	NA, NA	2942.3000, 2080.5200	NA, NA	11.8539, 8.3820	11.8539, 8.3820
	MEDIAN	2723.710	6884.750	4804.230	NA	32.258	32.258
	MIN, MAX	2723.706, 2723.706	6884.745, 6884.745	2723.706, 6884.745	NA, NA	23.876, 40.640	23.876, 40.640
	5%, 95%	NA, NA	NA, NA	2723.710, 6884.750	NA, NA	23.876, 40.640	23.876, 40.640
	BLQ Values Included	0	0	0	NA	2	2
\$40,000 to \$49,999	N	0	1	1	0	1	1
	MEAN, GEO MEAN	NA, NA	14006.200, 14006.200	14006.200, 14006.200	NA, NA	16.002, 16.002	16.002, 16.002
	SD, SE	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
	MEDIAN	NA	14006.200	14006.200	NA	16.002	16.002
	MIN, MAX	NA, NA	14006.175, 14006.175	14006.175, 14006.175	NA, NA	16.002, 16.002	16.002, 16.002
	5%, 95%	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
	BLQ Values Included	NA	0	0	NA	1	1
\$50,000 or more	N	0	1	1	2	0	2
	MEAN, GEO MEAN	NA, NA	9143.680, 9143.680	9143.680, 9143.680	29.845, 29.016	NA, NA	29.845, 29.016
	SD, SE	NA, NA	NA, NA	NA, NA	9.8783, 6.9850	NA, NA	9.8783, 6.9850
	MEDIAN	NA	9143.680	9143.680	29.845	NA	29.845
	MIN, MAX	NA, NA	9143.680, 9143.680	9143.680, 9143.680	22.860, 36.830	NA, NA	22.860, 36.830
	5%, 95%	NA, NA	NA, NA	NA, NA	22.860, 36.830	NA, NA	22.860, 36.830
	BLQ Values Included	NA	0	0	2	NA	2

TABLE 14.4-11
DESCRIPTIVE STATISTICS OF 24-HOUR URINE BIOMARKERS OF EXPOSURE BY TIMEPOINT FOR DEMOGRAPHIC CHARACTERISTIC: ANNUAL HOUSEHOLD INCOME
(Page 145 of 7)

Lab: INBIFO
Biomarker: Total Nicotine (nmol/24hr)
Timepoint: Overall¹

Characteristic	Statistic	Smokers			Non-Smokers		
		Male	Female	Overall	Male	Female	Overall
\$19,999 or less	N	1	0	1	2	0	2
	MEAN, GEO MEAN	19783.700, 19783.700	NA, NA	19783.700, 19783.700	31.437, 31.000	NA, NA	31.437, 31.000
	SD, SE	NA, NA	NA, NA	NA, NA	7.3879, 5.2240	NA, NA	7.3879, 5.2240
	MEDIAN	19783.700	NA	19783.700	31.437	NA	31.437
	MIN, MAX	19783.700, 19783.700	NA, NA	19783.700, 19783.700	26.213, 36.661	NA, NA	26.213, 36.661
	5%, 95%	NA, NA	NA, NA	NA, NA	26.213, 36.661	NA, NA	26.213, 36.661
\$20,000 to \$39,999	N	1	1	2	0	2	2
	MEAN, GEO MEAN	4876.530, 4876.530	7734.520, 7734.520	6305.530, 6141.470	NA, NA	36.413, 36.299	36.413, 36.299
	SD, SE	NA, NA	NA, NA	2020.9000, 1429.0000	NA, NA	4.0800, 2.8850	4.0800, 2.8850
	MEDIAN	4876.530	7734.520	6305.530	NA	36.413	36.413
	MIN, MAX	4876.530, 4876.530	7734.520, 7734.520	4876.530, 7734.520	NA, NA	33.528, 39.298	33.528, 39.298
	5%, 95%	NA, NA	NA, NA	4876.530, 7734.520	NA, NA	33.528, 39.298	33.528, 39.298
\$40,000 to \$49,999	N	0	1	1	0	1	1
	MEAN, GEO MEAN	NA, NA	14860.100, 14860.100	14860.100, 14860.100	NA, NA	27.539, 27.539	27.539, 27.539
	SD, SE	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
	MEDIAN	NA	14860.100	14860.100	NA	27.539	27.539
	MIN, MAX	NA, NA	14860.100, 14860.100	14860.100, 14860.100	NA, NA	27.539, 27.539	27.539, 27.539
	5%, 95%	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
\$50,000 or more	N	1	1	2	2	0	2
	MEAN, GEO MEAN	18963.100, 18963.100	7159.510, 7159.510	13061.300, 11651.900	29.845, 29.016	NA, NA	29.845, 29.016
	SD, SE	NA, NA	NA, NA	8346.4000, 5901.8000	9.8783, 6.9850	NA, NA	9.8783, 6.9850
	MEDIAN	18963.100	7159.510	13061.300	29.845	NA	29.845
	MIN, MAX	18963.100, 18963.100	7159.510, 7159.510	7159.510, 18963.100	22.860, 36.830	NA, NA	22.860, 36.830
	5%, 95%	NA, NA	NA, NA	7159.510, 18963.100	22.860, 36.830	NA, NA	22.860, 36.830

¹ Overall values calculated by first averaging the results across visits within a subject, then calculating the descriptive statistics across subjects. Count of BLQ values does not apply as the BLQ values were converted to the upper limit of the BLQ (e.g., '<1.234' will be used as '1.234') for the averages across visits within a subject thus eliminating all BLQ values for the overall statistics.

TABLE 14.4-11
DESCRIPTIVE STATISTICS OF 24-HOUR URINE BIOMARKERS OF EXPOSURE BY TIMEPOINT FOR DEMOGRAPHIC CHARACTERISTIC: ANNUAL HOUSEHOLD INCOME
(Page 146 of 7)

Lab: INBIFO
Biomarker: Total Nicotine (ng/24hr)
Timepoint: Week 1

Characteristic	Statistic	Smokers			Non-Smokers		
		Male	Female	Overall	Male	Female	Overall
\$19,999 or less	N	1	0	1	1	0	1
	MEAN, GEO MEAN	4108.170, 4108.170	NA, NA	4108.170, 4108.170	6.180, 6.180	NA, NA	6.180, 6.180
	SD, SE	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
	MEDIAN	4108.170	NA	4108.170	6.180	NA	6.180
	MIN, MAX	4108.167, 4108.167	NA, NA	4108.167, 4108.167	6.180, 6.180	NA, NA	6.180, 6.180
	5%, 95%	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
\$20,000 to \$39,999	BLQ Values Included	0	NA	0	1	NA	1
	N	1	1	2	0	1	1
	MEAN, GEO MEAN	909.148, 909.148	1161.230, 1161.230	1035.190, 1027.490	NA, NA	6.608, 6.608	6.608, 6.608
	SD, SE	NA, NA	NA, NA	178.2470, 126.0400	NA, NA	NA, NA	NA, NA
	MEDIAN	909.148	1161.230	1035.190	NA	6.608	6.608
	MIN, MAX	909.148, 909.148	1161.227, 1161.227	909.148, 1161.227	NA, NA	6.608, 6.608	6.608, 6.608
\$40,000 to \$49,999	5%, 95%	NA, NA	NA, NA	909.148, 1161.230	NA, NA	NA, NA	NA, NA
	BLQ Values Included	0	0	0	NA	1	1
	N	0	1	1	0	1	1
	MEAN, GEO MEAN	NA, NA	2149.280, 2149.280	2149.280, 2149.280	NA, NA	2.472, 2.472	2.472, 2.472
	SD, SE	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
	MEDIAN	NA	2149.280	2149.280	NA	2.472	2.472
\$50,000 or more	MIN, MAX	NA, NA	2149.284, 2149.284	2149.284, 2149.284	NA, NA	2.472, 2.472	2.472, 2.472
	5%, 95%	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
	BLQ Values Included	NA	0	0	NA	1	1
	N	1	1	2	0	0	0
	MEAN, GEO MEAN	3763.110, 3763.110	891.634, 891.634	2327.370, 1831.750	NA, NA	NA, NA	NA, NA
	SD, SE	NA, NA	NA, NA	2030.4400, 1435.7400	NA, NA	NA, NA	NA, NA
	MEDIAN	3763.110	891.634	2327.370	NA	NA	NA
	MIN, MAX	3763.108, 3763.108	891.634, 891.634	891.634, 3763.108	NA, NA	NA, NA	NA, NA
	5%, 95%	NA, NA	NA, NA	891.634, 3763.110	NA, NA	NA, NA	NA, NA
	BLQ Values Included	0	0	0	NA	NA	NA

TABLE 14.4-11
DESCRIPTIVE STATISTICS OF 24-HOUR URINE BIOMARKERS OF EXPOSURE BY TIMEPOINT FOR DEMOGRAPHIC CHARACTERISTIC: ANNUAL HOUSEHOLD INCOME
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Lab: INBIFO
Biomarker: Total Nicotine (ug/24hr)
Timepoint: Week 2

Characteristic	Statistic	Smokers			Non-Smokers		
		Male	Female	Overall	Male	Female	Overall
\$19,999 or less	N	1	0	1	1	0	1
	MEAN, GEO MEAN	3222.370, 3222.370	NA, NA	3222.370, 3222.370	5.665, 5.665	NA, NA	5.665, 5.665
	SD, SE	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
	MEDIAN	3222.370	NA	3222.370	5.665	NA	5.665
	MIN, MAX	3222.372, 3222.372	NA, NA	3222.372, 3222.372	5.665, 5.665	NA, NA	5.665, 5.665
	5%, 95%	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
	BLQ Values Included	0	NA	0	1	NA	1
\$20,000 to \$39,999	N	1	1	2	0	2	2
	MEAN, GEO MEAN	1021.990, 1021.990	1485.680, 1485.680	1253.840, 1232.210	NA, NA	6.463, 6.440	6.463, 6.440
	SD, SE	NA, NA	NA, NA	327.8810, 231.8470	NA, NA	0.7651, 0.5410	0.7651, 0.5410
	MEDIAN	1021.990	1485.680	1253.840	NA	6.463	6.463
	MIN, MAX	1021.988, 1021.988	1485.682, 1485.682	1021.988, 1485.682	NA, NA	5.922, 7.004	5.922, 7.004
	5%, 95%	NA, NA	NA, NA	1021.990, 1485.680	NA, NA	5.922, 7.004	5.922, 7.004
	BLQ Values Included	0	0	0	NA	2	2
\$40,000 to \$49,999	N	0	1	1	0	1	1
	MEAN, GEO MEAN	NA, NA	2809.860, 2809.860	2809.860, 2809.860	NA, NA	8.333, 8.333	8.333, 8.333
	SD, SE	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
	MEDIAN	NA	2809.860	2809.860	NA	8.333	8.333
	MIN, MAX	NA, NA	2809.857, 2809.857	2809.857, 2809.857	NA, NA	8.333, 8.333	8.333, 8.333
	5%, 95%	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
	BLQ Values Included	NA	0	0	NA	0	0
\$50,000 or more	N	1	1	2	1	0	1
	MEAN, GEO MEAN	2388.510, 2388.510	1109.080, 1109.080	1748.790, 1627.590	5.974, 5.974	NA, NA	5.974, 5.974
	SD, SE	NA, NA	NA, NA	904.6930, 639.7150	NA, NA	NA, NA	NA, NA
	MEDIAN	2388.510	1109.080	1748.790	5.974	NA	5.974
	MIN, MAX	2388.509, 2388.509	1109.080, 1109.080	1109.080, 2388.509	5.974, 5.974	NA, NA	5.974, 5.974
	5%, 95%	NA, NA	NA, NA	1109.080, 2388.510	NA, NA	NA, NA	NA, NA
	BLQ Values Included	0	0	0	1	NA	1

TABLE 14.4-11
DESCRIPTIVE STATISTICS OF 24-HOUR URINE BIOMARKERS OF EXPOSURE BY TIMEPOINT FOR DEMOGRAPHIC CHARACTERISTIC: ANNUAL HOUSEHOLD INCOME
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Lab: INBIFO
Biomarker: Total Nicotine (ug/24hr)
Timepoint: Week 3

Characteristic	Statistic	Smokers			Non-Smokers		
		Male	Female	Overall	Male	Female	Overall
\$19,999 or less	N	1	0	1	2	0	2
	MEAN, GEO MEAN	2296.230, 2296.230	NA, NA	2296.230, 2296.230	5.123, 5.048	NA, NA	5.123, 5.048
	SD, SE	NA, NA	NA, NA	NA, NA	1.2318, 0.8710	NA, NA	1.2318, 0.8710
	MEDIAN	2296.230	NA	2296.230	5.123	NA	5.123
	MIN, MAX	2296.228, 2296.228	NA, NA	2296.228, 2296.228	4.252, 5.994	NA, NA	4.252, 5.994
	5%, 95%	NA, NA	NA, NA	NA, NA	4.252, 5.994	NA, NA	4.252, 5.994
	BLQ Values Included	0	NA	0	2	NA	2
\$20,000 to \$39,999	N	1	1	2	0	2	2
	MEAN, GEO MEAN	441.785, 441.785	1116.710, 1116.710	779.246, 702.384	NA, NA	5.233, 5.053	5.233, 5.053
	SD, SE	NA, NA	NA, NA	477.2410, 337.4610	NA, NA	1.9226, 1.3595	1.9226, 1.3595
	MEDIAN	441.785	1116.710	779.246	NA	5.233	5.233
	MIN, MAX	441.785, 441.785	1116.706, 1116.706	441.785, 1116.706	NA, NA	3.873, 6.592	3.873, 6.592
	5%, 95%	NA, NA	NA, NA	441.785, 1116.710	NA, NA	3.873, 6.592	3.873, 6.592
	BLQ Values Included	0	0	0	NA	2	2
\$40,000 to \$49,999	N	0	1	1	0	1	1
	MEAN, GEO MEAN	NA, NA	2271.800, 2271.800	2271.800, 2271.800	NA, NA	2.596, 2.596	2.596, 2.596
	SD, SE	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
	MEDIAN	NA	2271.800	2271.800	NA	2.596	2.596
	MIN, MAX	NA, NA	2271.802, 2271.802	2271.802, 2271.802	NA, NA	2.596, 2.596	2.596, 2.596
	5%, 95%	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
	BLQ Values Included	NA	0	0	NA	1	1
\$50,000 or more	N	0	1	1	2	0	2
	MEAN, GEO MEAN	NA, NA	1483.110, 1483.110	1483.110, 1483.110	4.841, 4.707	NA, NA	4.841, 4.707
	SD, SE	NA, NA	NA, NA	NA, NA	1.6023, 1.1330	NA, NA	1.6023, 1.1330
	MEDIAN	NA	1483.110	1483.110	4.841	NA	4.841
	MIN, MAX	NA, NA	1483.105, 1483.105	1483.105, 1483.105	3.708, 5.974	NA, NA	3.708, 5.974
	5%, 95%	NA, NA	NA, NA	NA, NA	3.708, 5.974	NA, NA	3.708, 5.974
	BLQ Values Included	NA	0	0	2	NA	2

TABLE 14.4-11
DESCRIPTIVE STATISTICS OF 24-HOUR URINE BIOMARKERS OF EXPOSURE BY TIMEPOINT FOR DEMOGRAPHIC CHARACTERISTIC: ANNUAL HOUSEHOLD INCOME
(Page 149 of ?)

Lab: INBIPO
Biomarker: Total Nicotine (ug/24hr)
Timepoint: Overall*

Characteristic	Statistic	Smokers			Non-Smokers		
		Male	Female	Overall	Male	Female	Overall
\$19,999 or less	N	1	0	1	2	0	2
	MEAN, GEO MEAN	3208.920, 3208.920	NA, NA	3208.920, 3208.920	5.099, 5.028	NA, NA	5.099, 5.028
	SD, SE	NA, NA	NA, NA	NA, NA	1.1978, 0.8470	NA, NA	1.1978, 0.8470
	MEDIAN	3208.920	NA	3208.920	5.099	NA	5.099
	MIN, MAX	3208.920, 3208.920	NA, NA	3208.920, 3208.920	4.252, 5.946	NA, NA	4.252, 5.946
	5%, 95%	NA, NA	NA, NA	NA, NA	4.252, 5.946	NA, NA	4.252, 5.946
\$20,000 to \$39,999	N	1	1	2	0	2	2
	MEAN, GEO MEAN	790.974, 790.974	1254.540, 1254.540	1022.760, 996.147	NA, NA	5.907, 5.888	5.907, 5.888
	SD, SE	NA, NA	NA, NA	327.7910, 231.7830	NA, NA	0.6611, 0.4675	0.6611, 0.4675
	MEDIAN	790.974	1254.540	1022.760	NA	5.907	5.907
	MIN, MAX	790.974, 790.974	1254.540, 1254.540	790.974, 1254.540	NA, NA	5.439, 6.374	5.439, 6.374
	5%, 95%	NA, NA	NA, NA	790.974, 1254.540	NA, NA	5.439, 6.374	5.439, 6.374
\$40,000 to \$49,999	N	0	1	1	0	1	1
	MEAN, GEO MEAN	NA, NA	2410.310, 2410.310	2410.310, 2410.310	NA, NA	4.467, 4.467	4.467, 4.467
	SD, SE	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
	MEDIAN	NA	2410.310	2410.310	NA	4.467	4.467
	MIN, MAX	NA, NA	2410.310, 2410.310	2410.310, 2410.310	NA, NA	4.467, 4.467	4.467, 4.467
	5%, 95%	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
\$50,000 or more	N	1	1	2	2	0	2
	MEAN, GEO MEAN	3075.810, 3075.810	1161.270, 1161.270	2118.540, 1889.930	4.841, 4.707	NA, NA	4.841, 4.707
	SD, SE	NA, NA	NA, NA	1353.7800, 957.2700	1.6023, 1.1330	NA, NA	1.6023, 1.1330
	MEDIAN	3075.810	1161.270	2118.540	4.841	NA	4.841
	MIN, MAX	3075.810, 3075.810	1161.270, 1161.270	1161.270, 3075.810	3.708, 5.974	NA, NA	3.708, 5.974
	5%, 95%	NA, NA	NA, NA	1161.270, 3075.810	3.708, 5.974	NA, NA	3.708, 5.974

* Overall values calculated by first averaging the results across visits within a subject, then calculating the descriptive statistics across subjects. Count of BLQ values does not apply as the BLQ values were converted to the upper limit of the BLQ (e.g., <1.234¹ will be used as 1.234¹) for the averages across visits within a subject thus eliminating all BLQ values for the overall statistics.

TABLE 14.4-11
DESCRIPTIVE STATISTICS OF 24-HOUR URINE BIOMARKERS OF EXPOSURE BY TIMEPOINT FOR DEMOGRAPHIC CHARACTERISTIC: ANNUAL HOUSEHOLD INCOME
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Lab: INBIFO
Biomarker: Free Nicotine (nmol/24hr)
Timepoint: Week 1

Characteristic	Statistic	Smokers			Non-Smokers		
		Male	Female	Overall	Male	Female	Overall
\$19,999 or less	N	1	0	1	1	0	1
	MEAN, GEO MEAN	18042.800, 18042.800	NA, NA	18042.800, 18042.800	10.200, 10.200	NA, NA	10.200, 10.200
	SD, SE	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
	MEDIAN	18042.800	NA	18042.800	10.200	NA	10.200
	MIN, MAX	18042.756, 18042.756	NA, NA	18042.756, 18042.756	10.200, 10.200	NA, NA	10.200, 10.200
	5%, 95%	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
\$20,000 to \$39,999	BLQ Values Included	0	NA	0	1	NA	1
	N	1	1	2	0	0	0
	MEAN, GEO MEAN	5056.480, 5056.480	3934.140, 3934.140	4495.310, 4460.150	NA, NA	NA, NA	NA, NA
	SD, SE	NA, NA	NA, NA	793.6140, 561.1700	NA, NA	NA, NA	NA, NA
	MEDIAN	5056.480	3934.140	4495.310	NA	NA	NA
	MIN, MAX	5056.480, 5056.480	3934.140, 3934.140	3934.140, 5056.480	NA, NA	NA, NA	NA, NA
\$40,000 to \$49,999	5%, 95%	NA, NA	NA, NA	3934.140, 5056.480	NA, NA	NA, NA	NA, NA
	BLQ Values Included	0	0	0	NA	NA	NA
	N	0	1	1	0	1	1
	MEAN, GEO MEAN	NA, NA	7524.200, 7524.200	7524.200, 7524.200	NA, NA	4.080, 4.080	4.080, 4.080
	SD, SE	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
	MEDIAN	NA	7524.200	7524.200	NA	4.080	4.080
\$50,000 or more	MIN, MAX	NA, NA	7524.195, 7524.195	7524.195, 7524.195	NA, NA	4.080, 4.080	4.080, 4.080
	5%, 95%	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
	BLQ Values Included	NA	0	0	NA	1	1
	N	1	1	2	1	0	1
	MEAN, GEO MEAN	19895.900, 19895.900	3259.540, 3259.540	11577.700, 8053.040	6.936, 6.936	NA, NA	6.936, 6.936
	SD, SE	NA, NA	NA, NA	11763.7000, 8318.1800	NA, NA	NA, NA	NA, NA
\$50,000 or more	MEDIAN	19895.900	3259.540	11577.700	6.936	NA	6.936
	MIN, MAX	19895.897, 19895.897	3259.536, 3259.536	3259.536, 19895.897	6.936, 6.936	NA, NA	6.936, 6.936
	5%, 95%	NA, NA	NA, NA	3259.540, 19895.900	NA, NA	NA, NA	NA, NA
	BLQ Values Included	0	0	0	1	NA	1

TABLE 14.4-11
DESCRIPTIVE STATISTICS OF 24-HOUR URINE BIOMARKERS OF EXPOSURE BY TIMEPOINT FOR DEMOGRAPHIC CHARACTERISTIC: ANNUAL HOUSEHOLD INCOME
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Lab: INBIFO
Biomarker: Free Nicotine (nmol/24hr)
Timepoint: Week 2

Characteristic	Statistic	Smokers			Non-Smokers		
		Male	Female	Overall	Male	Female	Overall
\$19,999 or less	N	1	0	1	0	0	0
	MEAN, GEO MEAN	13388.500, 13388.500	NA, NA	13388.500, 13388.500	NA, NA	NA, NA	NA, NA
	SD, SE	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
	MEDIAN	13388.500	NA	13388.500	NA	NA	NA
	MIN, MAX	13388.466, 13388.466	NA, NA	13388.466, 13388.466	NA, NA	NA, NA	NA, NA
	5%, 95%	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
	BLQ Values Included	0	NA	0	NA	NA	NA
\$20,000 to \$39,999	N	1	1	2	0	1	1
	MEAN, GEO MEAN	3484.430, 3484.430	5608.210, 5608.210	4546.320, 4420.570	NA, NA	11.560, 11.560	11.560, 11.560
	SD, SE	NA, NA	NA, NA	1501.7400, 1061.8900	NA, NA	NA, NA	NA, NA
	MEDIAN	3484.430	5608.210	4546.320	NA	11.560	11.560
	MIN, MAX	3484.431, 3484.431	5608.210, 5608.210	3484.431, 5608.210	NA, NA	11.560, 11.560	11.560, 11.560
	5%, 95%	NA, NA	NA, NA	3484.430, 5608.210	NA, NA	NA, NA	NA, NA
	BLQ Values Included	0	0	0	NA	1	1
\$40,000 to \$49,999	N	0	1	1	0	1	1
	MEAN, GEO MEAN	NA, NA	12092.700, 12092.700	12092.700, 12092.700	NA, NA	3.536, 3.536	3.536, 3.536
	SD, SE	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
	MEDIAN	NA	12092.700	12092.700	NA	3.536	3.536
	MIN, MAX	NA, NA	12092.675, 12092.675	12092.675, 12092.675	NA, NA	3.536, 3.536	3.536, 3.536
	5%, 95%	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
	BLQ Values Included	NA	0	0	NA	1	1
\$50,000 or more	N	1	1	2	0	0	0
	MEAN, GEO MEAN	11101.500, 11101.500	3574.100, 3574.100	7337.820, 6299.050	NA, NA	NA, NA	NA, NA
	SD, SE	NA, NA	NA, NA	5322.7100, 3763.7200	NA, NA	NA, NA	NA, NA
	MEDIAN	11101.500	3574.100	7337.820	NA	NA	NA
	MIN, MAX	11101.546, 11101.546	3574.098, 3574.098	3574.098, 11101.546	NA, NA	NA, NA	NA, NA
	5%, 95%	NA, NA	NA, NA	3574.100, 11101.500	NA, NA	NA, NA	NA, NA
	BLQ Values Included	0	0	0	NA	NA	NA

TABLE 14.4-11
DESCRIPTIVE STATISTICS OF 24-HOUR URINE BIOMARKERS OF EXPOSURE BY TIMEPOINT FOR DEMOGRAPHIC CHARACTERISTIC: ANNUAL HOUSEHOLD INCOME
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Lab: INBIFO
Biomarker: Free Nicotine (nmol/24hr)
Timepoint: Week 3

Characteristic	Statistic	Smokers			Non-Smokers		
		Male	Female	Overall	Male	Female	Overall
\$19,999 or less	N	1	0	1	1	0	1
	MEAN, GEO MEAN	8206.010, 8206.010	NA, NA	8206.010, 8206.010	7.018, 7.018	NA, NA	7.018, 7.018
	SD, SE	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
	MEDIAN	8206.010	NA	8206.010	7.018	NA	7.018
	MIN, MAX	8206.010, 8206.010	NA, NA	8206.010, 8206.010	7.018, 7.018	NA, NA	7.018, 7.018
	5%, 95%	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
	BLQ Values Included	0	NA	0	1	NA	1
\$20,000 to \$39,999	N	1	1	2	0	1	1
	MEAN, GEO MEAN	2126.580, 2126.580	3745.320, 3745.320	2935.950, 2822.180	NA, NA	10.880, 10.880	10.880, 10.880
	SD, SE	NA, NA	NA, NA	1144.6200, 809.3680	NA, NA	NA, NA	NA, NA
	MEDIAN	2126.580	3745.320	2935.950	NA	10.880	10.880
	MIN, MAX	2126.580, 2126.580	3745.315, 3745.315	2126.580, 3745.315	NA, NA	10.880, 10.880	10.880, 10.880
	5%, 95%	NA, NA	NA, NA	2126.580, 3745.320	NA, NA	NA, NA	NA, NA
	BLQ Values Included	0	0	0	NA	1	1
\$40,000 to \$49,999	N	0	1	1	0	1	1
	MEAN, GEO MEAN	NA, NA	8844.890, 8844.890	8844.890, 8844.890	NA, NA	4.284, 4.284	4.284, 4.284
	SD, SE	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
	MEDIAN	NA	8844.890	8844.890	NA	4.284	4.284
	MIN, MAX	NA, NA	8844.885, 8844.885	8844.885, 8844.885	NA, NA	4.284, 4.284	4.284, 4.284
	5%, 95%	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
	BLQ Values Included	NA	0	0	NA	1	1
\$50,000 or more	N	0	1	1	1	0	1
	MEAN, GEO MEAN	NA, NA	7103.310, 7103.310	7103.310, 7103.310	6.120, 6.120	NA, NA	6.120, 6.120
	SD, SE	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
	MEDIAN	NA	7103.310	7103.310	6.120	NA	6.120
	MIN, MAX	NA, NA	7103.308, 7103.308	7103.308, 7103.308	6.120, 6.120	NA, NA	6.120, 6.120
	5%, 95%	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
	BLQ Values Included	NA	0	0	1	NA	1

TABLE 14.4-11
DESCRIPTIVE STATISTICS OF 24-HOUR URINE BIOMARKERS OF EXPOSURE BY TIMEPOINT FOR DEMOGRAPHIC CHARACTERISTIC: ANNUAL HOUSEHOLD INCOME
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Lab: INBIFO
Biomarker: Free Nicotine (nmol/24hr)
Timepoint: Overall^a

Characteristic	Statistic	Smokers			Non-Smokers		
		Male	Female	Overall	Male	Female	Overall
\$19,999 or less	N	1	0	1	2	0	2
	MEAN, GEO MEAN	13212.400, 13212.400	NA, NA	13212.400, 13212.400	8.609, 8.461	NA, NA	8.609, 8.461
	SD, SE	NA, NA	NA, NA	NA, NA	2.2500, 1.5910	NA, NA	2.2500, 1.5910
	MEDIAN	13212.400	NA	13212.400	8.609	NA	8.609
	MIN, MAX	13212.400, 13212.400	NA, NA	13212.400, 13212.400	7.018, 10.200	NA, NA	7.018, 10.200
	5%, 95%	NA, NA	NA, NA	NA, NA	7.018, 10.200	NA, NA	7.018, 10.200
\$20,000 to \$39,999	N	1	1	2	0	2	2
	MEAN, GEO MEAN	3555.830, 3555.830	4429.220, 4429.220	3992.530, 3968.570	NA, NA	11.220, 11.215	11.220, 11.215
	SD, SE	NA, NA	NA, NA	617.5800, 436.6950	NA, NA	0.4808, 0.3400	0.4808, 0.3400
	MEDIAN	3555.830	4429.220	3992.530	NA	11.220	11.220
	MIN, MAX	3555.830, 3555.830	4429.220, 4429.220	3555.830, 4429.220	NA, NA	10.880, 11.560	10.880, 11.560
	5%, 95%	NA, NA	NA, NA	3555.830, 4429.220	NA, NA	10.880, 11.560	10.880, 11.560
\$40,000 to \$49,999	N	0	1	1	0	1	1
	MEAN, GEO MEAN	NA, NA	9487.250, 9487.250	9487.250, 9487.250	NA, NA	3.967, 3.967	3.967, 3.967
	SD, SE	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
	MEDIAN	NA	9487.250	9487.250	NA	3.967	3.967
	MIN, MAX	NA, NA	9487.250, 9487.250	9487.250, 9487.250	NA, NA	3.967, 3.967	3.967, 3.967
	5%, 95%	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
\$50,000 or more	N	1	1	2	1	0	1
	MEAN, GEO MEAN	15498.700, 15498.700	4645.650, 4645.650	10072.290, 8485.370	6.528, 6.528	NA, NA	6.528, 6.528
	SD, SE	NA, NA	NA, NA	7674.2700, 5426.5300	NA, NA	NA, NA	NA, NA
	MEDIAN	15498.700	4645.650	10072.200	6.528	NA	6.528
	MIN, MAX	15498.700, 15498.700	4645.650, 4645.650	4645.650, 15498.700	6.528, 6.528	NA, NA	6.528, 6.528
	5%, 95%	NA, NA	NA, NA	4645.650, 15498.700	NA, NA	NA, NA	NA, NA

^a Overall values calculated by first averaging the results across visits within a subject, then calculating the descriptive statistics across subjects. Count of BLQ values does not apply as the BLQ values were converted to the upper limit of the BLQ (e.g., <1.234) will be used as 1.234) for the averages across visits within a subject thus eliminating all BLQ values for the overall statistics.

TABLE 14.4-11
DESCRIPTIVE STATISTICS OF 24-HOUR URINE BIOMARKERS OF EXPOSURE BY TIMEPOINT FOR DEMOGRAPHIC CHARACTERISTIC: ANNUAL HOUSEHOLD INCOME
(Page 154 of 2)

Lab: INBIFO
Biomarker: Free Nicotine (ug/24hr)
Timepoint: Week 1

Characteristic	Statistic	Smokers			Non-Smokers		
		Male	Female	Overall	Male	Female	Overall
\$19,999 or less	N	1	0	1	1	0	1
	MEAN, GEO MEAN	2926.540, 2926.540	NA, NA	2926.540, 2926.540	1.654, 1.654	NA, NA	1.654, 1.654
	SD, SE	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
	MEDIAN	2926.540	NA	2926.540	1.654	NA	1.654
	MIN, MAX	2926.535, 2926.535	NA, NA	2926.535, 2926.535	1.654, 1.654	NA, NA	1.654, 1.654
	5%, 95%	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
\$20,000 to \$39,999	BLQ Values Included	0	NA	0	1	NA	1
	N	1	1	2	0	0	0
	MEAN, GEO MEAN	820.161, 820.161	638.118, 638.118	729.140, 723.436	NA, NA	NA, NA	NA, NA
	SD, SE	NA, NA	NA, NA	128.7240, 91.0215	NA, NA	NA, NA	NA, NA
	MEDIAN	820.161	638.118	729.140	NA	NA	NA
	MIN, MAX	820.161, 820.161	638.118, 638.118	638.118, 820.161	NA, NA	NA, NA	NA, NA
\$40,000 to \$49,999	5%, 95%	NA, NA	NA, NA	638.118, 820.161	NA, NA	NA, NA	NA, NA
	BLQ Values Included	0	0	0	NA	NA	NA
	N	0	1	1	0	1	1
	MEAN, GEO MEAN	NA, NA	1220.420, 1220.420	1220.420, 1220.420	NA, NA	0.662, 0.662	0.662, 0.662
	SD, SE	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
	MEDIAN	NA	1220.420	1220.420	NA	0.662	0.662
\$50,000 or more	MIN, MAX	NA, NA	1220.424, 1220.424	1220.424, 1220.424	NA, NA	0.662, 0.662	0.662, 0.662
	5%, 95%	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
	BLQ Values Included	NA	0	0	NA	1	1
	N	1	1	2	1	0	1
	MEAN, GEO MEAN	3227.110, 3227.110	528.697, 528.697	1877.910, 1306.200	1.125, 1.125	NA, NA	1.125, 1.125
	SD, SE	NA, NA	NA, NA	1908.0700, 1349.2100	NA, NA	NA, NA	NA, NA
	MEDIAN	3227.110	528.697	1877.910	1.125	NA	1.125
	MIN, MAX	3227.114, 3227.114	528.697, 528.697	528.697, 3227.114	1.125, 1.125	NA, NA	1.125, 1.125
	5%, 95%	NA, NA	NA, NA	528.697, 3227.110	NA, NA	NA, NA	NA, NA
	BLQ Values Included	0	0	0	1	NA	1

TABLE 14.4-11
DESCRIPTIVE STATISTICS OF 24-HOUR URINE BIOMARKERS OF EXPOSURE BY TIMEPOINT FOR DEMOGRAPHIC CHARACTERISTIC: ANNUAL HOUSEHOLD INCOME
(Page 155 of 7)

Lab: TNBIF0
Biomarker: Free Nicotine (ug/24hr)
Timepoint: Week 2

Characteristic	Statistic	Smokers			Non-Smokers		
		Male	Female	Overall	Male	Female	Overall
\$19,999 or less	N	1	0	1	0	0	0
	MEAN, GEO MEAN	2171.610, 2171.610	NA, NA	2171.610, 2171.610	NA, NA	NA, NA	NA, NA
	SD, SE	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
	MEDIAN	2171.610	NA	2171.610	NA	NA	NA
	MIN, MAX	2171.609, 2171.609	NA, NA	2171.609, 2171.609	NA, NA	NA, NA	NA, NA
	5%, 95%	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
\$20,000 to \$39,999	BLQ Values Included	0	NA	0	NA	NA	NA
	N	1	1	2	0	1	1
	MEAN, GEO MEAN	565.175, 565.175	909.652, 909.652	737.414, 717.016	NA, NA	1.875, 1.875	1.875, 1.875
	SD, SE	NA, NA	NA, NA	243.5820, 172.2390	NA, NA	NA, NA	NA, NA
	MEDIAN	565.175	909.652	737.414	NA	1.875	1.875
	MIN, MAX	565.175, 565.175	909.652, 909.652	565.175, 909.652	NA, NA	1.875, 1.875	1.875, 1.875
\$40,000 to \$49,999	5%, 95%	NA, NA	NA, NA	565.175, 909.652	NA, NA	NA, NA	NA, NA
	BLQ Values Included	0	0	0	NA	1	1
	N	0	1	1	0	1	1
	MEAN, GEO MEAN	NA, NA	1961.430, 1961.430	1961.430, 1961.430	NA, NA	0.574, 0.574	0.574, 0.574
	SD, SE	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
	MEDIAN	NA	1961.430	1961.430	NA	0.574	0.574
\$50,000 or more	MIN, MAX	NA, NA	1961.432, 1961.432	1961.432, 1961.432	NA, NA	0.574, 0.574	0.574, 0.574
	5%, 95%	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
	BLQ Values Included	NA	0	0	NA	1	1
	N	1	1	2	0	0	0
	MEAN, GEO MEAN	1800.670, 1800.670	579.719, 579.719	1190.200, 1021.710	NA, NA	NA, NA	NA, NA
	SD, SE	NA, NA	NA, NA	863.3430, 610.4760	NA, NA	NA, NA	NA, NA
	MEDIAN	1800.670	579.719	1190.200	NA	NA	NA
	MIN, MAX	1800.671, 1800.671	579.719, 579.719	579.719, 1800.671	NA, NA	NA, NA	NA, NA
	5%, 95%	NA, NA	NA, NA	579.719, 1800.670	NA, NA	NA, NA	NA, NA
	BLQ Values Included	0	0	0	NA	NA	NA

TABLE 14.4-11
DESCRIPTIVE STATISTICS OF 24-HOUR URINE BIOMARKERS OF EXPOSURE BY TIMEPOINT FOR DEMOGRAPHIC CHARACTERISTIC: ANNUAL HOUSEHOLD INCOME
(Page 156 of ?)

Lab: INBIFO
Biomarker: Free Nicotine (ug/24hr)
Timepoint: Week 3

Characteristic	Statistic	Smokers			Non-Smokers		
		Male	Female	Overall	Male	Female	Overall
\$19,999 or less	N	1	0	1	1	0	1
	MEAN, GEO MEAN	1331.020, 1331.020	NA, NA	1331.020, 1331.020	1.138, 1.138	NA, NA	1.138, 1.138
	SD, SE	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
	MEDIAN	1331.020	NA	1331.020	1.138	NA	1.138
	MIN, MAX	1331.015, 1331.015	NA, NA	1331.015, 1331.015	1.138, 1.138	NA, NA	1.138, 1.138
	5%, 95%	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
\$20,000 to \$39,999	BLQ Values Included	0	NA	0	1	NA	1
	N	1	1	2	0	1	1
	MEAN, GEO MEAN	344.931, 344.931	607.490, 607.490	476.211, 457.758	NA, NA	1.765, 1.765	1.765, 1.765
	SD, SE	NA, NA	NA, NA	185.6570, 131.2800	NA, NA	NA, NA	NA, NA
	MEDIAN	344.931	607.490	476.211	NA	1.765	1.765
	MIN, MAX	344.931, 344.931	607.490, 607.490	344.931, 607.490	NA, NA	1.765, 1.765	1.765, 1.765
\$40,000 to \$49,999	5%, 95%	NA, NA	NA, NA	344.931, 607.490	NA, NA	NA, NA	NA, NA
	BLQ Values Included	0	0	0	NA	1	1
	N	0	1	1	0	1	1
	MEAN, GEO MEAN	NA, NA	1434.640, 1434.640	1434.640, 1434.640	NA, NA	0.695, 0.695	0.695, 0.695
	SD, SE	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
	MEDIAN	NA	1434.640	1434.640	NA	0.695	0.695
\$50,000 or more	MIN, MAX	NA, NA	1434.640, 1434.640	1434.640, 1434.640	NA, NA	0.695, 0.695	0.695, 0.695
	5%, 95%	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
	BLQ Values Included	NA	0	0	NA	1	1
	N	0	1	1	1	0	1
	MEAN, GEO MEAN	NA, NA	1152.160, 1152.160	1152.160, 1152.160	0.993, 0.993	NA, NA	0.993, 0.993
	SD, SE	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
	MEDIAN	NA	1152.160	1152.160	0.993	NA	0.993
	MIN, MAX	NA, NA	1152.157, 1152.157	1152.157, 1152.157	0.993, 0.993	NA, NA	0.993, 0.993
	5%, 95%	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
	BLQ Values Included	NA	0	0	1	NA	1
	N	0	1	1	1	0	1
	MEAN, GEO MEAN	NA, NA	1152.160, 1152.160	1152.160, 1152.160	0.993, 0.993	NA, NA	0.993, 0.993
	SD, SE	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
	MEDIAN	NA	1152.160	1152.160	0.993	NA	0.993
	MIN, MAX	NA, NA	1152.157, 1152.157	1152.157, 1152.157	0.993, 0.993	NA, NA	0.993, 0.993
	5%, 95%	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
	BLQ Values Included	NA	0	0	1	NA	1

TABLE 14.4-11
DESCRIPTIVE STATISTICS OF 24-HOUR URINE BIOMARKERS OF EXPOSURE BY TIMEPOINT FOR DEMOGRAPHIC CHARACTERISTIC: ANNUAL HOUSEHOLD INCOME
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Lab: INBIFO
Biomarker: Free Nicotine (ug/24hr)
Timepoint: Overall*

Characteristic	Statistic	Smokers			Non-Smokers		
		Male	Female	Overall	Male	Female	Overall
\$19,999 or less	N	1	0	1	2	0	2
	MEAN, GEO MEAN	2143.050, 2143.050	NA, NA	2143.050, 2143.050	1.396, 1.372	NA, NA	1.396, 1.372
	SD, SE	NA, NA	NA, NA	NA, NA	0.3649, 0.2580	NA, NA	0.3649, 0.2580
	MEDIAN	2143.050	NA	2143.050	1.396	NA	1.396
	MIN, MAX 5%, 95%	2143.050, 2143.050 NA, NA	NA, NA NA, NA	2143.050, 2143.050 NA, NA	1.138, 1.654 1.138, 1.654	NA, NA NA, NA	1.138, 1.654 1.138, 1.654
\$20,000 to \$39,999	N	1	1	2	0	2	2
	MEAN, GEO MEAN	576.756, 576.756	718.420, 718.420	647.588, 643.703	NA, NA	1.820, 1.819	1.820, 1.819
	SD, SE	NA, NA	NA, NA	100.1720, 70.8320	NA, NA	0.0778, 0.0550	0.0778, 0.0550
	MEDIAN	576.756	718.420	647.588	NA	1.820	1.820
	MIN, MAX 5%, 95%	576.756, 576.756 NA, NA	718.420, 718.420 NA, NA	576.756, 718.420 576.756, 718.420	NA, NA NA, NA	1.765, 1.875 1.765, 1.875	1.765, 1.875 1.765, 1.875
\$40,000 to \$49,999	N	0	1	1	0	1	1
	MEAN, GEO MEAN	NA, NA	1538.830, 1538.830	1538.830, 1538.830	NA, NA	0.644, 0.644	0.644, 0.644
	SD, SE	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
	MEDIAN	NA	1538.830	1538.830	NA	0.644	0.644
	MIN, MAX 5%, 95%	NA, NA	1538.830, 1538.830 NA, NA	1538.830, 1538.830 NA, NA	NA, NA NA, NA	0.644, 0.644 NA, NA	0.644, 0.644 NA, NA
\$50,000 or more	N	1	1	2	1	0	1
	MEAN, GEO MEAN	2513.890, 2513.890	753.524, 753.524	1633.710, 1376.330	1.059, 1.059	NA, NA	1.059, 1.059
	SD, SE	NA, NA	NA, NA	1244.7700, 880.1830	NA, NA	NA, NA	NA, NA
	MEDIAN	2513.890	753.524	1633.710	1.059	NA	1.059
	MIN, MAX 5%, 95%	2513.890, 2513.890 NA, NA	753.524, 753.524 NA, NA	753.524, 2513.890 753.524, 2513.890	1.059, 1.059 NA, NA	NA, NA NA, NA	1.059, 1.059 NA, NA

* Overall values calculated by first averaging the results across visits within a subject, then calculating the descriptive statistics across subjects. Count of BLQ values does not apply as the BLQ values were converted to the upper limit of the BLQ (e.g., '<1.234' will be used as '1.234') for the averages across visits within a subject thus eliminating all BLQ values for the overall statistics.

TABLE 14.4-11
DESCRIPTIVE STATISTICS OF 24-HOUR URINE BIOMARKERS OF EXPOSURE BY TIMEPOINT FOR DEMOGRAPHIC CHARACTERISTIC: ANNUAL HOUSEHOLD INCOME
(Page 158 of 7)

Lab: INBIFO
Biomarker: Total Cotinine (nmol/24hr)
Timepoint: Week 1

Characteristic	Statistic	Smokers			Non-Smokers		
		Male	Female	Overall	Male	Female	Overall
\$19,999 or less	N	1	0	1	2	0	2
	MEAN, GEO MEAN	34631.700, 34631.700	NA, NA	34631.700, 34631.700	23.815, 21.972	NA, NA	23.815, 21.972
	SD, SE	NA, NA	NA, NA	NA, NA	12.9896, 9.1850	NA, NA	12.9896, 9.1850
	MEDIAN	34631.700	NA	34631.700	23.815	NA	23.815
	MIN, MAX	34631.742, 34631.742	NA, NA	34631.742, 34631.742	14.630, 33.000	NA, NA	14.630, 33.000
	5%, 95%	NA, NA	NA, NA	NA, NA	14.630, 33.000	NA, NA	14.630, 33.000
\$20,000 to \$39,999	BLQ Values Included	0	NA	0	2	NA	2
	N	1	1	2	0	1	1
	MEAN, GEO MEAN	3897.620, 3897.620	20668.900, 20668.900	12283.300, 8975.500	NA, NA	35.288, 35.288	35.288, 35.288
	SD, SE	NA, NA	NA, NA	11859.1000, 8385.6300	NA, NA	NA, NA	NA, NA
	MEDIAN	3897.620	20668.900	12283.300	NA	35.288	35.288
	MIN, MAX	3897.624, 3897.624	20668.880, 20668.880	3897.624, 20668.880	NA, NA	35.288, 35.288	35.288, 35.288
\$40,000 to \$49,999	5%, 95%	NA, NA	NA, NA	3897.620, 20668.900	NA, NA	NA, NA	NA, NA
	BLQ Values Included	0	0	0	NA	1	1
	N	0	1	1	0	1	1
	MEAN, GEO MEAN	NA, NA	31775.300, 31775.300	31775.300, 31775.300	NA, NA	13.200, 13.200	13.200, 13.200
	SD, SE	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
	MEDIAN	NA	31775.300	31775.300	NA	13.200	13.200
\$50,000 or more	MIN, MAX	NA, NA	31775.275, 31775.275	31775.275, 31775.275	NA, NA	13.200, 13.200	13.200, 13.200
	5%, 95%	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
	BLQ Values Included	NA	0	0	NA	1	1
	N	1	1	2	2	0	2
	MEAN, GEO MEAN	23030.200, 23030.200	15229.000, 15229.000	19129.600, 18727.700	19.360, 19.113	NA, NA	19.360, 19.113
	SD, SE	NA, NA	NA, NA	5516.2900, 3900.6100	4.3558, 3.0800	NA, NA	4.3558, 3.0800
	MEDIAN	23030.200	15229.000	19129.600	19.360	NA	19.360
	MIN, MAX	23030.245, 23030.245	15229.032, 15229.032	15229.032, 23030.245	16.280, 22.440	NA, NA	16.280, 22.440
	5%, 95%	NA, NA	NA, NA	15229.000, 23030.200	16.280, 22.440	NA, NA	16.280, 22.440
	BLQ Values Included	0	0	0	2	NA	2

TABLE 14.4-11
DESCRIPTIVE STATISTICS OF 24-HOUR URINE BIOMARKERS OF EXPOSURE BY TIMEPOINT FOR DEMOGRAPHIC CHARACTERISTIC: ANNUAL HOUSEHOLD INCOME
(Page 159 of ??)

Lab: INBIFO
Biomarker: Total Cotinine (nmol/24hr)
Timepoint: Week 2

Characteristic	Statistic	Smokers			Non-Smokers		
		Male	Female	Overall	Male	Female	Overall
\$19,999 or less	N	1	0	1	2	0	2
	MEAN, GEO MEAN	28706.300, 28706.300	NA, NA	28706.300, 28706.300	24.365, 23.644	NA, NA	24.365, 23.644
	SD, SE	NA, NA	NA, NA	NA, NA	8.3226, 5.8850	NA, NA	8.3226, 5.8850
	MEDIAN	28706.300	NA	28706.300	24.365	NA	24.365
	MIN, MAX	28706.310, 28706.310	NA, NA	28706.310, 28706.310	18.480, 30.250	NA, NA	18.480, 30.250
	5%, 95%	NA, NA	NA, NA	NA, NA	18.480, 30.250	NA, NA	18.480, 30.250
\$20,000 to \$39,999	BLQ Values Included	0	NA	0	2	NA	2
	N	1	1	2	0	2	2
	MEAN, GEO MEAN	6895.200, 6895.200	26974.000, 26974.000	16934.600, 13637.900	NA, NA	34.513, 34.391	34.513, 34.391
	SD, SE	NA, NA	NA, NA	14197.9000, 10039.4000	NA, NA	4.0835, 2.8875	4.0835, 2.8875
	MEDIAN	6895.200	26974.000	16934.600	NA	34.513	34.513
	MIN, MAX	6895.195, 6895.195	26974.030, 26974.030	6895.195, 26974.030	NA, NA	31.625, 37.400	31.625, 37.400
\$40,000 to \$49,999	5%, 95%	NA, NA	NA, NA	6895.200, 26974.000	NA, NA	31.625, 37.400	31.625, 37.400
	BLQ Values Included	0	0	0	NA	2	2
	N	0	1	1	0	1	1
	MEAN, GEO MEAN	NA, NA	28996.000, 28996.000	28996.000, 28996.000	NA, NA	11.440, 11.440	11.440, 11.440
	SD, SE	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
	MEDIAN	NA	28996.000	28996.000	NA	11.440	11.440
\$50,000 or more	MIN, MAX	NA, NA	28995.975, 28995.975	28995.975, 28995.975	NA, NA	11.440, 11.440	11.440, 11.440
	5%, 95%	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
	BLQ Values Included	NA	0	0	NA	1	1
	N	1	1	2	2	0	2
	MEAN, GEO MEAN	23209.000, 23209.000	16876.100, 16876.100	20042.600, 19790.900	25.190, 24.280	NA, NA	25.190, 24.280
	SD, SE	NA, NA	NA, NA	4478.0100, 3166.4300	9.4894, 6.7100	NA, NA	9.4894, 6.7100
	MEDIAN	23209.000	16876.100	20042.600	25.190	NA	25.190
	MIN, MAX	23208.990, 23208.990	16876.134, 16876.134	16876.134, 23208.990	18.480, 31.900	NA, NA	18.480, 31.900
	5%, 95%	NA, NA	NA, NA	16876.100, 23209.000	18.480, 31.900	NA, NA	18.480, 31.900
	BLQ Values Included	0	0	0	2	NA	2

TABLE 14.4-11
DESCRIPTIVE STATISTICS OF 24-HOUR URINE BIOMARKERS OF EXPOSURE BY TIMEPOINT FOR DEMOGRAPHIC CHARACTERISTIC: ANNUAL HOUSEHOLD INCOME
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Lab: INBIFO
Biomarker: Total Cotinine (nmol/24hr)
Timepoint: Week 3

Characteristic	Statistic	Smokers			Non-Smokers		
		Male	Female	Overall	Male	Female	Overall
\$19,999 or less	N	1	0	1	2	0	2
	MEAN, GEO MEAN	31425.300, 31425.300	NA, NA	31425.300, 31425.300	27.357, 26.958	NA, NA	27.357, 26.958
	SD, SE	NA, NA	NA, NA	NA, NA	6.5803, 4.6530	NA, NA	6.5803, 4.6530
	MEDIAN	31425.300	NA	31425.300	27.357	NA	27.357
	MIN, MAX	31425.320, 31425.320	NA, NA	31425.320, 31425.320	22.704, 32.010	NA, NA	22.704, 32.010
	5%, 95%	NA, NA	NA, NA	NA, NA	22.704, 32.010	NA, NA	22.704, 32.010
\$20,000 to \$39,999	BLQ Values Included	0	NA	0	2	NA	2
	N	1	1	2	0	2	2
	MEAN, GEO MEAN	2437.770, 2437.770	20410.500, 20410.500	11424.100, 7053.790	NA, NA	18.425, 18.286	18.425, 18.286
	SD, SE	NA, NA	NA, NA	12708.6000, 8986.3500	NA, NA	3.1891, 2.2550	3.1891, 2.2550
	MEDIAN	2437.770	20410.500	11424.100	NA	18.425	18.425
	MIN, MAX	2437.770, 2437.770	20410.460, 20410.460	2437.770, 20410.460	NA, NA	16.170, 20.680	16.170, 20.680
\$40,000 to \$49,999	5%, 95%	NA, NA	NA, NA	2437.770, 20410.500	NA, NA	16.170, 20.680	16.170, 20.680
	BLQ Values Included	0	0	0	NA	2	2
	N	0	1	1	0	1	1
	MEAN, GEO MEAN	NA, NA	25694.400, 25694.400	25694.400, 25694.400	NA, NA	13.860, 13.860	13.860, 13.860
	SD, SE	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
	MEDIAN	NA	25694.400	25694.400	NA	13.860	13.860
\$50,000 or more	MIN, MAX	NA, NA	25694.435, 25694.435	25694.435, 25694.435	NA, NA	13.860, 13.860	13.860, 13.860
	5%, 95%	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
	BLQ Values Included	NA	0	0	NA	1	1
	N	0	1	1	2	0	2
	MEAN, GEO MEAN	NA, NA	11831.400, 11831.400	11831.400, 11831.400	25.850, 25.132	NA, NA	25.850, 25.132
	SD, SE	NA, NA	NA, NA	NA, NA	8.5560, 6.0500	NA, NA	8.5560, 6.0500
	MEDIAN	NA	11831.400	11831.400	25.850	NA	25.850
	MIN, MAX	NA, NA	11831.363, 11831.363	11831.363, 11831.363	19.800, 31.900	NA, NA	19.800, 31.900
	5%, 95%	NA, NA	NA, NA	NA, NA	19.800, 31.900	NA, NA	19.800, 31.900
	BLQ Values Included	NA	0	0	2	NA	2
	N	0	1	1	2	0	2
	MEAN, GEO MEAN	NA, NA	11831.400, 11831.400	11831.400, 11831.400	25.850, 25.132	NA, NA	25.850, 25.132
	SD, SE	NA, NA	NA, NA	NA, NA	8.5560, 6.0500	NA, NA	8.5560, 6.0500
	MEDIAN	NA	11831.400	11831.400	25.850	NA	25.850
	MIN, MAX	NA, NA	11831.363, 11831.363	11831.363, 11831.363	19.800, 31.900	NA, NA	19.800, 31.900
	5%, 95%	NA, NA	NA, NA	NA, NA	19.800, 31.900	NA, NA	19.800, 31.900
	BLQ Values Included	NA	0	0	2	NA	2

TABLE 14.4-11
DESCRIPTIVE STATISTICS OF 24-HOUR URINE BIOMARKERS OF EXPOSURE BY TIMEPOINT FOR DEMOGRAPHIC CHARACTERISTIC: ANNUAL HOUSEHOLD INCOME
(Page 161 of ?)

Lab: INBIFO
Biomarker: Total Cotinine (nmol/24hr)
Timepoint: Overall*

Characteristic	Statistic	Smokers			Non-Smokers		
		Male	Female	Overall	Male	Female	Overall
\$19,999 or less	N	1	0	1	2	0	2
	MEAN, GEO MEAN	31587.800, 31587.800	NA, NA	31587.800, 31587.800	25.179, 24.306	NA, NA	25.179, 24.306
	SD, SE	NA, NA	NA, NA	NA, NA	9.2970, 6.5740	NA, NA	9.2970, 6.5740
	MEDIAN	31587.800	NA	31587.800	25.179	NA	25.179
	MIN, MAX	31587.800, 31587.800	NA, NA	31587.800, 31587.800	18.605, 31.753	NA, NA	18.605, 31.753
	5%, 95%	NA, NA	NA, NA	NA, NA	18.605, 31.753	NA, NA	18.605, 31.753
\$20,000 to \$39,999	N	1	1	2	0	3	3
	MEAN, GEO MEAN	4410.200, 4410.200	22684.500, 22684.500	13547.400, 10002.200	NA, NA	26.222, 25.046	26.222, 25.046
	SD, SE	NA, NA	NA, NA	12921.9000, 9137.1500	NA, NA	8.9813, 5.1854	8.9813, 5.1854
	MEDIAN	4410.200	22684.500	13547.400	NA	29.040	29.040
	MIN, MAX	4410.200, 4410.200	22684.500, 22684.500	4410.200, 22684.500	NA, NA	16.170, 33.457	16.170, 33.457
	5%, 95%	NA, NA	NA, NA	4410.200, 22684.500	NA, NA	16.170, 33.457	16.170, 33.457
\$40,000 to \$49,999	N	0	1	1	0	1	1
	MEAN, GEO MEAN	NA, NA	28821.900, 28821.900	28821.900, 28821.900	NA, NA	12.833, 12.833	12.833, 12.833
	SD, SE	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
	MEDIAN	NA	28821.900	28821.900	NA	12.833	12.833
	MIN, MAX	NA, NA	28821.900, 28821.900	28821.900, 28821.900	NA, NA	12.833, 12.833	12.833, 12.833
	5%, 95%	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
\$50,000 or more	N	1	1	2	2	0	2
	MEAN, GEO MEAN	23119.600, 23119.600	14645.500, 14645.500	18882.600, 18401.000	23.467, 23.244	NA, NA	23.467, 23.244
	SD, SE	NA, NA	NA, NA	5992.0900, 4237.0500	4.5630, 3.2265	NA, NA	4.5630, 3.2265
	MEDIAN	23119.600	14645.500	18882.600	23.467	NA	23.467
	MIN, MAX	23119.600, 23119.600	14645.500, 14645.500	14645.500, 23119.600	20.240, 26.693	NA, NA	20.240, 26.693
	5%, 95%	NA, NA	NA, NA	14645.500, 23119.600	20.240, 26.693	NA, NA	20.240, 26.693

* Overall values calculated by first averaging the results across visits within a subject, then calculating the descriptive statistics across subjects. Count of BLQ values does not apply as the BLQ values were converted to the upper limit of the BLQ (e.g., '<1.234' will be used as '1.234') for the averages across visits within a subject thus eliminating all BLQ values for the overall statistics.

TABLE 14.4-11
DESCRIPTIVE STATISTICS OF 24-HOUR URINE BIOMARKERS OF EXPOSURE BY TIMEPOINT FOR DEMOGRAPHIC CHARACTERISTIC: ANNUAL HOUSEHOLD INCOME
(Page 162 of 7)

Lab: INBIFO
Biomarker: Total Cotinine (ug/24hr)
Timepoint: Week 1

Characteristic	Statistic	Smokers			Non-Smokers		
		Male	Female	Overall	Male	Female	Overall
\$19,999 or less	N	1	0	1	2	0	2
	MEAN, GEO MEAN	6102.110, 6102.110	NA, NA	6102.110, 6102.110	4.197, 3.872	NA, NA	4.197, 3.872
	SD, SE	NA, NA	NA, NA	NA, NA	2.2889, 1.6185	NA, NA	2.2889, 1.6185
	MEDIAN	6102.110	NA	6102.110	4.197	NA	4.197
	MIN, MAX	6102.113, 6102.113	NA, NA	6102.113, 6102.113	2.578, 5.815	NA, NA	2.578, 5.815
	5%, 95%	NA, NA	NA, NA	NA, NA	2.578, 5.815	NA, NA	2.578, 5.815
\$20,000 to \$39,999	BLQ Values Included	0	NA	0	2	NA	2
	N	1	1	2	0	1	1
	MEAN, GEO MEAN	686.761, 686.761	3641.860, 3641.860	2164.310, 1581.480	NA, NA	6.218, 6.218	6.218, 6.218
	SD, SE	NA, NA	NA, NA	2089.5700, 1477.5500	NA, NA	NA, NA	NA, NA
	MEDIAN	686.761	3641.860	2164.310	NA	6.218	6.218
	MIN, MAX	686.761, 686.761	3641.857, 3641.857	686.761, 3641.857	NA, NA	6.218, 6.218	6.218, 6.218
\$40,000 to \$49,999	5%, 95%	NA, NA	NA, NA	686.761, 3641.860	NA, NA	NA, NA	NA, NA
	BLQ Values Included	0	0	0	NA	1	1
	N	0	1	1	0	1	1
	MEAN, GEO MEAN	NA, NA	5598.800, 5598.800	5598.800, 5598.800	NA, NA	2.326, 2.326	2.326, 2.326
	SD, SE	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
	MEDIAN	NA	5598.800	5598.800	NA	2.326	2.326
\$50,000 or more	MIN, MAX	NA, NA	5598.803, 5598.803	5598.803, 5598.803	NA, NA	2.326, 2.326	2.326, 2.326
	5%, 95%	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
	BLQ Values Included	NA	0	0	NA	1	1
	N	1	1	2	2	0	2
	MEAN, GEO MEAN	4057.930, 4057.930	2683.360, 2683.360	3370.640, 3299.830	3.412, 3.368	NA, NA	3.412, 3.368
	SD, SE	NA, NA	NA, NA	971.9710, 687.2870	0.7672, 0.5425	NA, NA	0.7672, 0.5425
	MEDIAN	4057.930	2683.360	3370.640	3.412	NA	3.412
	MIN, MAX	4057.929, 4057.929	2683.355, 2683.355	2683.355, 4057.929	2.869, 3.954	NA, NA	2.869, 3.954
	5%, 95%	NA, NA	NA, NA	2683.360, 4057.930	2.869, 3.954	NA, NA	2.869, 3.954
	BLQ Values Included	0	0	0	2	NA	2

TABLE 14.4-11
DESCRIPTIVE STATISTICS OF 24-HOUR URINE BIOMARKERS OF EXPOSURE BY TIMEPOINT FOR DEMOGRAPHIC CHARACTERISTIC: ANNUAL HOUSEHOLD INCOME
(Page 163 of 7)

Lab: INBIFO
Biomarker: Total Cotinine (ug/24hr)
Timepoint: Week 2

Characteristic	Statistic	Smokers			Non-Smokers		
		Male	Female	Overall	Male	Female	Overall
\$19,999 or less	N	1	0	1	2	0	2
	MEAN, GEO MEAN	5058.050, 5058.050	NA, NA	5058.050, 5058.050	4.293, 4.166	NA, NA	4.293, 4.166
	SD, SE	NA, NA	NA, NA	NA, NA	1.4665, 1.0370	NA, NA	1.4665, 1.0370
	MEDIAN	5058.050	NA	5058.050	4.293	NA	4.293
	MIN, MAX	5058.052, 5058.052	NA, NA	5058.052, 5058.052	3.256, 5.330	NA, NA	3.256, 5.330
	5%, 95%	NA, NA	NA, NA	NA, NA	3.256, 5.330	NA, NA	3.256, 5.330
\$20,000 to \$39,999	BLQ Values Included	0	NA	0	2	NA	2
	N	1	1	2	0	2	2
	MEAN, GEO MEAN	1214.930, 1214.930	4752.820, 4752.820	2983.880, 2402.990	NA, NA	6.081, 6.060	6.081, 6.060
	SD, SE	NA, NA	NA, NA	2501.6700, 1768.9500	NA, NA	0.7198, 0.5090	0.7198, 0.5090
	MEDIAN	1214.930	4752.820	2983.880	NA	6.081	6.081
	MIN, MAX	1214.933, 1214.933	4752.824, 4752.824	1214.933, 4752.824	NA, NA	5.572, 6.590	5.572, 6.590
\$40,000 to \$49,999	5%, 95%	NA, NA	NA, NA	1214.930, 4752.820	NA, NA	5.572, 6.590	5.572, 6.590
	BLQ Values Included	0	0	0	NA	2	2
	N	0	1	1	0	1	1
	MEAN, GEO MEAN	NA, NA	5109.090, 5109.090	5109.090, 5109.090	NA, NA	2.016, 2.016	2.016, 2.016
	SD, SE	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
	MEDIAN	NA	5109.090	5109.090	NA	2.016	2.016
\$50,000 or more	MIN, MAX	NA, NA	5109.091, 5109.091	5109.091, 5109.091	NA, NA	2.016, 2.016	2.016, 2.016
	5%, 95%	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
	BLQ Values Included	NA	0	0	NA	1	1
	N	1	1	2	2	0	2
	MEAN, GEO MEAN	4089.420, 4089.420	2973.580, 2973.580	3531.500, 3487.150	4.439, 4.278	NA, NA	4.439, 4.278
	SD, SE	NA, NA	NA, NA	789.0240, 557.9250	1.6723, 1.1825	NA, NA	1.6723, 1.1825
	MEDIAN	4089.420	2973.580	3531.500	4.439	NA	4.439
	MIN, MAX	4089.424, 4089.424	2973.575, 2973.575	2973.575, 4089.424	3.256, 5.621	NA, NA	3.256, 5.621
	5%, 95%	NA, NA	NA, NA	2973.580, 4089.420	3.256, 5.621	NA, NA	3.256, 5.621
	BLQ Values Included	0	0	0	2	NA	2

TABLE 14.4-11
DESCRIPTIVE STATISTICS OF 24-HOUR URINE BIOMARKERS OF EXPOSURE BY TIMEPOINT FOR DEMOGRAPHIC CHARACTERISTIC: ANNUAL HOUSEHOLD INCOME
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Lab: INBIFO
Biomarker: Total Cotinine (ug/24hr)
Timepoint: Overall*

Characteristic	Statistic	Male	Smokers Female	Overall	Male	Non-Smokers Female	Overall
\$19,999 or less	N	1	0	1	2	0	2
	MEAN, GEO MEAN	5565.770, 5565.770	NA, NA	5565.770, 5565.770	4.437, 4.283	NA, NA	4.437, 4.283
	SD, SE	NA, NA	NA, NA	NA, NA	1.6384, 1.1585	NA, NA	1.6384, 1.1585
	MEDIAN	5565.770	NA	5565.770	4.437	NA	4.437
	MIN, MAX	5565.770, 5565.770	NA, NA	5565.770, 5565.770	3.278, 5.595	NA, NA	3.278, 5.595
	5%, 95%	NA, NA	NA, NA	NA, NA	3.278, 5.595	NA, NA	3.278, 5.595
\$20,000 to \$39,999	N	1	1	2	0	3	3
	MEAN, GEO MEAN	777.076, 777.076	3997.000, 3997.000	2387.040, 1762.380	NA, NA	4.620, 4.413	4.620, 4.413
	SD, SE	NA, NA	NA, NA	2276.8300, 1609.9600	NA, NA	1.5826, 0.9137	1.5826, 0.9137
	MEDIAN	777.076	3997.000	2387.040	NA	5.117	5.117
	MIN, MAX	777.076, 777.076	3997.000, 3997.000	777.076, 3997.000	NA, NA	2.849, 5.895	2.849, 5.895
	5%, 95%	NA, NA	NA, NA	777.076, 3997.000	NA, NA	2.849, 5.895	2.849, 5.895
\$40,000 to \$49,999	N	0	1	1	0	1	1
	MEAN, GEO MEAN	NA, NA	5078.420, 5078.420	5078.420, 5078.420	NA, NA	2.261, 2.261	2.261, 2.261
	SD, SE	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
	MEDIAN	NA	5078.420	5078.420	NA	2.261	2.261
	MIN, MAX	NA, NA	5078.420, 5078.420	5078.420, 5078.420	NA, NA	2.261, 2.261	2.261, 2.261
	5%, 95%	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
\$50,000 or more	N	1	1	2	2	0	2
	MEAN, GEO MEAN	4073.680, 4073.680	2580.540, 2580.540	3327.110, 3242.270	4.135, 4.096	NA, NA	4.135, 4.096
	SD, SE	NA, NA	NA, NA	1055.8100, 746.5700	0.8047, 0.5690	NA, NA	0.8047, 0.5690
	MEDIAN	4073.680	2580.540	3327.110	4.135	NA	4.135
	MIN, MAX	4073.680, 4073.680	2580.540, 2580.540	2580.540, 4073.680	3.566, 4.704	NA, NA	3.566, 4.704
	5%, 95%	NA, NA	NA, NA	2580.540, 4073.680	3.566, 4.704	NA, NA	3.566, 4.704

* Overall values calculated by first averaging the results across visits within a subject, then calculating the descriptive statistics across subjects. Count of BLQ values does not apply as the BLQ values were converted to the upper limit of the BLQ (e.g., '<1.234' will be used as '1.234') for the averages across visits within a subject thus eliminating all BLQ values for the overall statistics.

TABLE 14.4-11
DESCRIPTIVE STATISTICS OF 24-HOUR URINE BIOMARKERS OF EXPOSURE BY TIMEPOINT FOR DEMOGRAPHIC CHARACTERISTIC: ANNUAL HOUSEHOLD INCOME
(Page 166 of 7)

Lab: INBIFO
Biomarker: Free Cotinine (nmol/24hr)
Timepoint: Week 1

Characteristic	Statistic	Smokers			Non-Smokers		
		Male	Female	Overall	Male	Female	Overall
\$19,999 or less	N	1	0	1	2	0	2
	MEAN, GEO MEAN	10446.900, 10446.900	NA, NA	10446.900, 10446.900	18.549, 16.078	NA, NA	18.549, 16.078
	SD, SE	NA, NA	NA, NA	NA, NA	13.0794, 9.2485	NA, NA	13.0794, 9.2485
	MEDIAN	10446.900	NA	10446.900	18.549	NA	18.549
	MIN, MAX	10446.873, 10446.873	NA, NA	10446.873, 10446.873	9.300, 27.797	NA, NA	9.300, 27.797
	5%, 95%	NA, NA	NA, NA	NA, NA	9.300, 27.797	NA, NA	9.300, 27.797
\$20,000 to \$39,999	BLQ Values Included	0	NA	0	1	NA	1
	N	1	1	2	0	2	2
	MEAN, GEO MEAN	3100.530, 3100.530	9681.650, 9681.650	6391.090, 5478.890	NA, NA	8.504, 8.380	8.504, 8.380
	SD, SE	NA, NA	NA, NA	4653.5600, 3290.5600	NA, NA	2.0386, 1.4415	2.0386, 1.4415
	MEDIAN	3100.530	9681.650	6391.090	NA	8.504	8.504
	MIN, MAX	3100.528, 3100.528	9681.650, 9681.650	3100.528, 9681.650	NA, NA	7.062, 9.945	7.062, 9.945
\$40,000 to \$49,999	5%, 95%	NA, NA	NA, NA	3100.530, 9681.650	NA, NA	7.062, 9.945	7.062, 9.945
	BLQ Values Included	0	0	0	NA	2	2
	N	0	1	1	0	1	1
	MEAN, GEO MEAN	NA, NA	11659.600, 11659.600	11659.600, 11659.600	NA, NA	3.720, 3.720	3.720, 3.720
	SD, SE	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
	MEDIAN	NA	11659.600	11659.600	NA	3.720	3.720
\$50,000 or more	MIN, MAX	NA, NA	11659.550, 11659.550	11659.550, 11659.550	NA, NA	3.720, 3.720	3.720, 3.720
	5%, 95%	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
	BLQ Values Included	NA	0	0	NA	1	1
	N	1	1	2	2	0	2
	MEAN, GEO MEAN	8796.400, 8796.400	5012.450, 5012.450	6904.420, 6640.140	5.456, 5.387	NA, NA	5.456, 5.387
	SD, SE	NA, NA	NA, NA	2675.6600, 1891.9700	1.2275, 0.8680	NA, NA	1.2275, 0.8680
\$50,000 or more	MEDIAN	8796.400	5012.450	6904.420	5.456	NA	5.456
	MIN, MAX	8796.396, 8796.396	5012.448, 5012.448	5012.448, 8796.396	4.588, 6.324	NA, NA	4.588, 6.324
	5%, 95%	NA, NA	NA, NA	5012.450, 8796.400	4.588, 6.324	NA, NA	4.588, 6.324
	BLQ Values Included	0	0	0	2	NA	2

TABLE 14.4-11
DESCRIPTIVE STATISTICS OF 24-HOUR URINE BIOMARKERS OF EXPOSURE BY TIMEPOINT FOR DEMOGRAPHIC CHARACTERISTIC: ANNUAL HOUSEHOLD INCOME
(Page 167 of 7)

Lab: INBIFO
Biomarker: Free Cotinine (nmol/24hr)
Timepoint: Week 2

Characteristic	Statistic	Smokers			Non-Smokers		
		Male	Female	Overall	Male	Female	Overall
\$19,999 or less	N	1	0	1	2	0	2
	MEAN, GEO MEAN	9023.050, 9023.050	NA, NA	9023.050, 9023.050	6.867, 6.663	NA, NA	6.867, 6.663
	SD, SE	NA, NA	NA, NA	NA, NA	2.3455, 1.6585	NA, NA	2.3455, 1.6585
	MEDIAN	9023.050	NA	9023.050	6.867	NA	6.867
	MIN, MAX	9023.046, 9023.046	NA, NA	9023.046, 9023.046	5.208, 8.525	NA, NA	5.208, 8.525
	5%, 95%	NA, NA	NA, NA	NA, NA	5.208, 8.525	NA, NA	5.208, 8.525
\$20,000 to \$39,999	BLQ Values Included	0	NA	0	2	NA	2
	N	1	1	2	0	3	3
	MEAN, GEO MEAN	4574.780, 4574.780	13936.700, 13936.700	9255.720, 7984.810	NA, NA	8.758, 8.621	8.758, 8.621
	SD, SE	NA, NA	NA, NA	6619.8600, 4680.9500	NA, NA	1.8649, 1.0767	1.8649, 1.0767
	MEDIAN	4574.780	13936.700	9255.720	NA	8.913	8.913
	MIN, MAX	4574.775, 4574.775	13936.670, 13936.670	4574.775, 13936.670	NA, NA	6.820, 10.540	6.820, 10.540
\$40,000 to \$49,999	5%, 95%	NA, NA	NA, NA	4574.780, 13936.700	NA, NA	6.820, 10.540	6.820, 10.540
	BLQ Values Included	0	0	0	NA	3	3
	N	0	1	1	0	1	1
	MEAN, GEO MEAN	NA, NA	10102.000, 10102.000	10102.000, 10102.000	NA, NA	3.224, 3.224	3.224, 3.224
	SD, SE	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
	MEDIAN	NA	10102.000	10102.000	NA	3.224	3.224
\$50,000 or more	MIN, MAX	NA, NA	10101.990, 10101.990	10101.990, 10101.990	NA, NA	3.224, 3.224	3.224, 3.224
	5%, 95%	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
	BLQ Values Included	NA	0	0	NA	1	1
	N	1	1	2	2	0	2
	MEAN, GEO MEAN	7302.800, 7302.800	7004.050, 7004.050	7153.430, 7151.870	7.099, 6.843	NA, NA	7.099, 6.843
	SD, SE	NA, NA	NA, NA	211.2490, 149.3760	2.6743, 1.8910	NA, NA	2.6743, 1.8910
	MEDIAN	7302.800	7004.050	7153.430	7.099	NA	7.099
	MIN, MAX	7302.803, 7302.803	7004.032, 7004.052	7004.032, 7302.803	5.208, 8.990	NA, NA	5.208, 8.990
	5%, 95%	NA, NA	NA, NA	7004.050, 7302.800	5.208, 8.990	NA, NA	5.208, 8.990
	BLQ Values Included	0	0	0	2	NA	2
	N	1	1	2	2	0	2
	MEAN, GEO MEAN	7302.800, 7302.800	7004.050, 7004.050	7153.430, 7151.870	7.099, 6.843	NA, NA	7.099, 6.843

TABLE 14.4-11
DESCRIPTIVE STATISTICS OF 24-HOUR URINE BIOMARKERS OF EXPOSURE BY TIMEPOINT FOR DEMOGRAPHIC CHARACTERISTIC: ANNUAL HOUSEHOLD INCOME
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Lab: INBIFO
Biomarker: Free Cotinine (nmol/24hr)
Timepoint: Week 3

Characteristic	Statistic	Smokers			Non-Smokers		
		Male	Female	Overall	Male	Female	Overall
\$19,999 or less	N	1	0	1	1	0	1
	MEAN, GEO MEAN	12059.500, 12059.500	NA, NA	12059.500, 12059.500	6.398, 6.398	NA, NA	6.398, 6.398
	SD, SE	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
	MEDIAN	12059.500	NA	12059.500	6.398	NA	6.398
	MIN, MAX	12059.465, 12059.465	NA, NA	12059.465, 12059.465	6.398, 6.398	NA, NA	6.398, 6.398
	5%, 95%	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
	BLQ Values Included	0	NA	0	1	NA	1
\$20,000 to \$39,999	N	1	1	2	0	3	3
	MEAN, GEO MEAN	2098.700, 2098.700	7564.870, 7564.870	4831.780, 3984.520	NA, NA	6.768, 6.411	6.768, 6.411
	SD, SE	NA, NA	NA, NA	3865.1600, 2733.0800	NA, NA	2.8024, 1.6180	2.8024, 1.6180
	MEDIAN	2098.700	7564.870	4831.780	NA	5.828	5.828
	MIN, MAX	2098.704, 2098.704	7564.865, 7564.865	2098.704, 7564.865	NA, NA	4.557, 9.920	4.557, 9.920
	5%, 95%	NA, NA	NA, NA	2098.700, 7564.870	NA, NA	4.557, 9.920	4.557, 9.920
	BLQ Values Included	0	0	0	NA	3	3
\$40,000 to \$49,999	N	0	1	1	0	1	1
	MEAN, GEO MEAN	NA, NA	10447.700, 10447.700	10447.700, 10447.700	NA, NA	3.906, 3.906	3.906, 3.906
	SD, SE	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
	MEDIAN	NA	10447.700	10447.700	NA	3.906	3.906
	MIN, MAX	NA, NA	10447.710, 10447.710	10447.710, 10447.710	NA, NA	3.906, 3.906	3.906, 3.906
	5%, 95%	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
	BLQ Values Included	NA	0	0	NA	1	1
\$50,000 or more	N	0	1	1	2	0	2
	MEAN, GEO MEAN	NA, NA	4488.940, 4488.940	4488.940, 4488.940	7.285, 7.083	NA, NA	7.285, 7.083
	SD, SE	NA, NA	NA, NA	NA, NA	2.4112, 1.7050	NA, NA	2.4112, 1.7050
	MEDIAN	NA	4488.940	4488.940	7.285	NA	7.285
	MIN, MAX	NA, NA	4488.944, 4488.944	4488.944, 4488.944	5.580, 8.990	NA, NA	5.580, 8.990
	5%, 95%	NA, NA	NA, NA	NA, NA	5.580, 8.990	NA, NA	5.580, 8.990
	BLQ Values Included	NA	0	0	2	NA	2

TABLE 14.4-11
DESCRIPTIVE STATISTICS OF 24-HOUR URINE BIOMARKERS OF EXPOSURE BY TIMEPOINT FOR DEMOGRAPHIC CHARACTERISTIC: ANNUAL HOUSEHOLD INCOME
(Page 169 of 7)

Lab: INBIFO
Biomarker: Free Cotinine (nmol/24hr)
Timepoint: Overall*

Characteristic	Statistic	Smokers			Non-Smokers		
		Male	Female	Overall	Male	Female	Overall
\$19,999 or less	N	1	0	1	2	0	2
	MEAN, GEO MEAN	10509.800, 10509.800	NA, NA	10509.800, 10509.800	11.024, 10.820	NA, NA	11.024, 10.820
	SD, SE	NA, NA	NA, NA	NA, NA	2.9847, 2.1105	NA, NA	2.9847, 2.1105
	MEDIAN	10509.800	NA	10509.800	11.024	NA	11.024
	MIN, MAX	10509.800, 10509.800	NA, NA	10509.800, 10509.800	8.913, 13.134	NA, NA	8.913, 13.134
	5%, 95%	NA, NA	NA, NA	NA, NA	8.913, 13.134	NA, NA	8.913, 13.134
\$20,000 to \$39,999	N	1	1	2	0	3	3
	MEAN, GEO MEAN	3258.000, 3258.000	10394.400, 10394.400	6826.200, 5819.360	NA, NA	7.974, 7.843	7.974, 7.843
	SD, SE	NA, NA	NA, NA	5046.2000, 3568.2000	NA, NA	1.7330, 1.0006	1.7330, 1.0006
	MEDIAN	3258.000	10394.400	6826.200	NA	8.184	8.184
	MIN, MAX	3258.000, 3258.000	10394.400, 10394.400	3258.000, 10394.400	NA, NA	6.146, 9.593	6.146, 9.593
	5%, 95%	NA, NA	NA, NA	3258.000, 10394.400	NA, NA	6.146, 9.593	6.146, 9.593
\$40,000 to \$49,999	N	0	1	1	0	1	1
	MEAN, GEO MEAN	NA, NA	10736.400, 10736.400	10736.400, 10736.400	NA, NA	3.617, 3.617	3.617, 3.617
	SD, SE	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
	MEDIAN	NA	10736.400	10736.400	NA	3.617	3.617
	MIN, MAX	NA, NA	10736.400, 10736.400	10736.400, 10736.400	NA, NA	3.617, 3.617	3.617, 3.617
	5%, 95%	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
\$50,000 or more	N	1	1	2	2	0	2
	MEAN, GEO MEAN	8049.600, 8049.600	5501.810, 5501.810	6775.710, 6654.880	6.614, 6.551	NA, NA	6.614, 6.551
	SD, SE	NA, NA	NA, NA	1801.5600, 1273.9000	1.2862, 0.9095	NA, NA	1.2862, 0.9095
	MEDIAN	8049.600	5501.810	6775.710	6.614	NA	6.614
	MIN, MAX	8049.600, 8049.600	5501.810, 5501.810	5501.810, 8049.600	5.704, 7.523	NA, NA	5.704, 7.523
	5%, 95%	NA, NA	NA, NA	5501.810, 8049.600	5.704, 7.523	NA, NA	5.704, 7.523

* Overall values calculated by first averaging the results across visits within a subject, then calculating the descriptive statistics across subjects. Count of BLQ values does not apply as the BLQ values were converted to the upper limit of the BLQ (e.g., '<1.234' will be used as '1.234') for the averages across visits within a subject thus eliminating all BLQ values for the overall statistics.

TABLE 14.4-11
DESCRIPTIVE STATISTICS OF 24-HOUR URINE BIOMARKERS OF EXPOSURE BY TIMEPOINT FOR DEMOGRAPHIC CHARACTERISTIC: ANNUAL HOUSEHOLD INCOME
(Page 170 of 7)

Lab: INBIFO
Biomarker: Free Cotinine (ug/24hr)
Timepoint: Week 1

Characteristic	Statistic	Smokers			Non-Smokers		
		Male	Female	Overall	Male	Female	Overall
\$19,999 or less	N	1	0	1	2	0	2
	MEAN, GEO MEAN	1840.740, 1840.740	NA, NA	1840.740, 1840.740	3.269, 2.833	NA, NA	3.269, 2.833
	SD, SE	NA, NA	NA, NA	NA, NA	2.3045, 1.6295	NA, NA	2.3045, 1.6295
	MEDIAN	1840.740	NA	1840.740	3.269	NA	3.269
	MIN, MAX	1840.739, 1840.739	NA, NA	1840.739, 1840.739	1.639, 4.898	NA, NA	1.639, 4.898
	5%, 95%	NA, NA	NA, NA	NA, NA	1.639, 4.898	NA, NA	1.639, 4.898
\$20,000 to \$39,999	BLQ Values Included	0	NA	0	1	NA	1
	N	1	1	2	0	2	2
	MEAN, GEO MEAN	546.313, 546.313	1705.910, 1705.910	1126.110, 965.380	NA, NA	1.498, 1.476	1.498, 1.476
	SD, SE	NA, NA	NA, NA	819.9570, 579.7970	NA, NA	0.3592, 0.2540	0.3592, 0.2540
	MEDIAN	546.313	1705.910	1126.110	NA	1.498	1.498
	MIN, MAX	546.313, 546.313	1705.907, 1705.907	546.313, 1705.907	NA, NA	1.244, 1.752	1.244, 1.752
\$40,000 to \$49,999	5%, 95%	NA, NA	NA, NA	546.313, 1705.910	NA, NA	1.244, 1.752	1.244, 1.752
	BLQ Values Included	0	0	0	NA	2	2
	N	0	1	1	0	1	1
	MEAN, GEO MEAN	NA, NA	2054.410, 2054.410	2054.410, 2054.410	NA, NA	0.655, 0.655	0.655, 0.655
	SD, SE	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
	MEDIAN	NA	2054.410	2054.410	NA	0.655	0.655
\$50,000 or more	MIN, MAX	NA, NA	2054.413, 2054.413	2054.413, 2054.413	NA, NA	0.655, 0.655	0.655, 0.655
	5%, 95%	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
	BLQ Values Included	NA	0	0	NA	1	1
	N	1	1	2	2	0	2
	MEAN, GEO MEAN	1549.930, 1549.930	883.193, 883.193	1216.560, 1169.990	0.961, 0.949	NA, NA	0.961, 0.949
	SD, SE	NA, NA	NA, NA	471.4510, 333.3660	0.2164, 0.1530	NA, NA	0.2164, 0.1530
	MEDIAN	1549.930	883.193	1216.560	0.961	NA	0.961
	MIN, MAX	1549.925, 1549.925	883.193, 883.193	883.193, 1549.925	0.808, 1.114	NA, NA	0.808, 1.114
	5%, 95%	NA, NA	NA, NA	883.193, 1549.930	0.808, 1.114	NA, NA	0.808, 1.114
	BLQ Values Included	0	0	0	2	NA	2
	N	1	1	2	2	0	2
	MEAN, GEO MEAN	1549.930, 1549.930	883.193, 883.193	1216.560, 1169.990	0.961, 0.949	NA, NA	0.961, 0.949

TABLE 14.4-11
DESCRIPTIVE STATISTICS OF 24-HOUR URINE BIOMARKERS OF EXPOSURE BY TIMEPOINT FOR DEMOGRAPHIC CHARACTERISTIC: ANNUAL HOUSEHOLD INCOME
(Page 171 of ?)

Lab: INBIFO
Biomarker: Free Cotinine (ug/24hr)
Timepoint: Week 2

Characteristic	Statistic	Smokers			Non-Smokers		
		Male	Female	Overall	Male	Female	Overall
\$19,999 or less	N	1	0	1	2	0	2
	MEAN, GEO MEAN	1589.860, 1589.860	NA, NA	1589.860, 1589.860	1.210, 1.174	NA, NA	1.210, 1.174
	SD, SE	NA, NA	NA, NA	NA, NA	0.4130, 0.2920	NA, NA	0.4130, 0.2920
	MEDIAN	1589.860	NA	1589.860	1.210	NA	1.210
	MIN, MAX	1589.861, 1589.861	NA, NA	1589.861, 1589.861	0.918, 1.502	NA, NA	0.918, 1.502
	5%, 95%	NA, NA	NA, NA	NA, NA	0.918, 1.502	NA, NA	0.918, 1.502
\$20,000 to \$39,999	BLQ Values Included	0	NA	0	2	NA	2
	N	1	1	2	0	3	3
	MEAN, GEO MEAN	806.075, 806.075	2455.640, 2455.640	1630.860, 1406.920	NA, NA	1.543, 1.519	1.543, 1.519
	SD, SE	NA, NA	NA, NA	1166.4200, 824.7830	NA, NA	0.3283, 0.1896	0.3283, 0.1896
	MEDIAN	806.075	2455.640	1630.860	NA	1.570	1.570
	MIN, MAX	806.075, 806.075	2455.641, 2455.641	806.075, 2455.641	NA, NA	1.202, 1.857	1.202, 1.857
\$40,000 to \$49,999	5%, 95%	NA, NA	NA, NA	806.075, 2455.640	NA, NA	1.202, 1.857	1.202, 1.857
	BLQ Values Included	0	0	0	NA	3	3
	N	0	1	1	0	1	1
	MEAN, GEO MEAN	NA, NA	1779.970, 1779.970	1779.970, 1779.970	NA, NA	0.568, 0.568	0.568, 0.568
	SD, SE	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
	MEDIAN	NA	1779.970	1779.970	NA	0.568	0.568
\$50,000 or more	MIN, MAX	NA, NA	1779.971, 1779.971	1779.971, 1779.971	NA, NA	0.568, 0.568	0.568, 0.568
	5%, 95%	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
	BLQ Values Included	NA	0	0	NA	1	1
	N	1	1	2	2	0	2
	MEAN, GEO MEAN	1286.750, 1286.750	1234.110, 1234.110	1260.430, 1260.160	1.251, 1.206	NA, NA	1.251, 1.206
	SD, SE	NA, NA	NA, NA	37.2221, 26.3200	0.4709, 0.3330	NA, NA	0.4709, 0.3330
\$50,000 or more	MEDIAN	1286.750	1234.110	1260.430	1.251	NA	1.251
	MIN, MAX	1286.754, 1286.754	1234.114, 1234.114	1234.114, 1286.754	0.918, 1.584	NA, NA	0.918, 1.584
	5%, 95%	NA, NA	NA, NA	1234.110, 1286.750	0.918, 1.584	NA, NA	0.918, 1.584
	BLQ Values Included	0	0	0	2	NA	2

TABLE 14.4-11
DESCRIPTIVE STATISTICS OF 24-HOUR URINE BIOMARKERS OF EXPOSURE BY TIMEPOINT FOR DEMOGRAPHIC CHARACTERISTIC: ANNUAL HOUSEHOLD INCOME
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Lab: INBIFO
Biomarker: Free Cotinine (ug/24hr)
Timepoint: Week 3

Characteristic	Statistic	Smokers			Non-Smokers		
		Male	Female	Overall	Male	Female	Overall
\$19,999 or less	N	1	0	1	1	0	1
	MEAN, GEO MEAN	2124.880, 2124.880	NA, NA	2124.880, 2124.880	1.127, 1.127	NA, NA	1.127, 1.127
	SD, SE	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
	MEDIAN	2124.880	NA	2124.880	1.127	NA	1.127
	MIN, MAX	2124.878, 2124.878	NA, NA	2124.878, 2124.878	1.127, 1.127	NA, NA	1.127, 1.127
	5%, 95%	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
	BLQ Values Included	0	NA	0	1	NA	1
\$20,000 to \$39,999	N	1	1	2	0	3	3
	MEAN, GEO MEAN	369.792, 369.792	1332.930, 1332.930	851.361, 702.073	NA, NA	1.193, 1.130	1.193, 1.130
	SD, SE	NA, NA	NA, NA	681.0410, 481.5690	NA, NA	0.4938, 0.2851	0.4938, 0.2851
	MEDIAN	369.792	1332.930	851.361	NA	1.027	1.027
	MIN, MAX	369.792, 369.792	1332.929, 1332.929	369.792, 1332.929	NA, NA	0.803, 1.748	0.803, 1.748
	5%, 95%	NA, NA	NA, NA	369.792, 1332.930	NA, NA	0.803, 1.748	0.803, 1.748
	BLQ Values Included	0	0	0	NA	3	3
\$40,000 to \$49,999	N	0	1	1	0	1	1
	MEAN, GEO MEAN	NA, NA	1840.890, 1840.890	1840.890, 1840.890	NA, NA	0.688, 0.688	0.688, 0.688
	SD, SE	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
	MEDIAN	NA	1840.890	1840.890	NA	0.688	0.688
	MIN, MAX	NA, NA	1840.887, 1840.887	1840.887, 1840.887	NA, NA	0.688, 0.688	0.688, 0.688
	5%, 95%	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
	BLQ Values Included	NA	0	0	NA	1	1
\$50,000 or more	N	0	1	1	2	0	2
	MEAN, GEO MEAN	NA, NA	790.952, 790.952	790.952, 790.952	1.284, 1.248	NA, NA	1.284, 1.248
	SD, SE	NA, NA	NA, NA	NA, NA	0.4250, 0.3005	NA, NA	0.4250, 0.3005
	MEDIAN	NA	790.952	790.952	1.284	NA	1.284
	MIN, MAX	NA, NA	790.952, 790.952	790.952, 790.952	0.983, 1.584	NA, NA	0.983, 1.584
	5%, 95%	NA, NA	NA, NA	NA, NA	0.983, 1.584	NA, NA	0.983, 1.584
	BLQ Values Included	NA	0	0	2	NA	2

TABLE 14.4-11
DESCRIPTIVE STATISTICS OF 24-HOUR URINE BIOMARKERS OF EXPOSURE BY TIMEPOINT FOR DEMOGRAPHIC CHARACTERISTIC: ANNUAL HOUSEHOLD INCOME
(Page 173 of 7)

Lab: INBIFO
Biomarker: Free Cotinine (ug/24hr)
Timepoint: Overall*

Characteristic	Statistic	Smokers			Non-Smokers		
		Male	Female	Overall	Male	Female	Overall
\$19,999 or less	N	1	0	1	2	0	2
	MEAN, GEO MEAN	1851.830, 1851.830	NA, NA	1851.830, 1851.830	1.943, 1.907	NA, NA	1.943, 1.907
	SD, SE	NA, NA	NA, NA	NA, NA	0.5254, 0.3715	NA, NA	0.5254, 0.3715
	MEDIAN	1851.830	NA	1851.830	1.943	NA	1.943
	MIN, MAX	1851.830, 1851.830	NA, NA	1851.830, 1851.830	1.571, 2.314	NA, NA	1.571, 2.314
	5%, 95%	NA, NA	NA, NA	NA, NA	1.571, 2.314	NA, NA	1.571, 2.314
\$20,000 to \$39,999	N	1	1	2	0	3	3
	MEAN, GEO MEAN	574.060, 574.060	1831.490, 1831.490	1202.780, 1025.370	NA, NA	1.405, 1.382	1.405, 1.382
	SD, SE	NA, NA	NA, NA	889.1370, 628.7150	NA, NA	0.3052, 0.1762	0.3052, 0.1762
	MEDIAN	574.060	1831.490	1202.780	NA	1.442	1.442
	MIN, MAX	574.060, 574.060	1831.490, 1831.490	574.060, 1831.490	NA, NA	1.083, 1.690	1.083, 1.690
	5%, 95%	NA, NA	NA, NA	574.060, 1831.490	NA, NA	1.083, 1.690	1.083, 1.690
\$40,000 to \$49,999	N	0	1	1	0	1	1
	MEAN, GEO MEAN	NA, NA	1891.760, 1891.760	1891.760, 1891.760	NA, NA	0.637, 0.637	0.637, 0.637
	SD, SE	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
	MEDIAN	NA	1891.760	1891.760	NA	0.637	0.637
	MIN, MAX	NA, NA	1891.760, 1891.760	1891.760, 1891.760	NA, NA	0.637, 0.637	0.637, 0.637
	5%, 95%	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
\$50,000 or more	N	1	1	2	2	0	2
	MEAN, GEO MEAN	1418.340, 1418.340	969.420, 969.420	1193.880, 1172.590	1.165, 1.154	NA, NA	1.165, 1.154
	SD, SE	NA, NA	NA, NA	317.4340, 224.4600	0.2263, 0.1600	NA, NA	0.2263, 0.1600
	MEDIAN	1418.340	969.420	1193.880	1.165	NA	1.165
	MIN, MAX	1418.340, 1418.340	969.420, 969.420	969.420, 1418.340	1.005, 1.325	NA, NA	1.005, 1.325
	5%, 95%	NA, NA	NA, NA	969.420, 1418.340	1.005, 1.325	NA, NA	1.005, 1.325

* Overall values calculated by first averaging the results across visits within a subject, then calculating the descriptive statistics across subjects. Count of BLQ values does not apply as the BLQ values were converted to the upper limit of the BLQ (e.g., '<1.234' will be used as '1.234') for the averages across visits within a subject thus eliminating all BLQ values for the overall statistics.

TABLE 14.4-11
DESCRIPTIVE STATISTICS OF 24-HOUR URINE BIOMARKERS OF EXPOSURE BY TIMEPOINT FOR DEMOGRAPHIC CHARACTERISTIC: ANNUAL HOUSEHOLD INCOME
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Lab: INBIFO
Biomarker: Total 3-hydroxycotinine (nmol/24hr)
Timepoint: Week 1

Characteristic	Statistic	Smokers			Non-Smokers		
		Male	Female	Overall	Male	Female	Overall
\$19,999 or less	N	1	0	1	1	0	1
	MEAN, GEO MEAN	21746.200, 21746.200	NA, NA	21746.200, 21746.200	59.185, 59.185	NA, NA	59.185, 59.185
	SD, SE	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
	MEDIAN	21746.200	NA	21746.200	59.185	NA	59.185
	MIN, MAX	21746.172, 21746.172	NA, NA	21746.172, 21746.172	59.185, 59.185	NA, NA	59.185, 59.185
	5%, 95%	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
\$20,000 to \$39,999	BLQ Values Included	0	NA	0	0	NA	0
	N	1	1	2	0	2	2
	MEAN, GEO MEAN	11447.100, 11447.100	59281.200, 59281.200	35364.200, 26049.900	NA, NA	86.352, 72.716	86.352, 72.716
	SD, SE	NA, NA	NA, NA	33823.8000, 23917.1000	NA, NA	65.8642, 46.5730	65.8642, 46.5730
	MEDIAN	11447.100	59281.200	35364.200	NA	86.352	86.352
	MIN, MAX	11447.120, 11447.120	59281.220, 59281.220	11447.120, 59281.220	NA, NA	39.779, 132.925	39.779, 132.925
\$40,000 to \$49,999	5%, 95%	NA, NA	NA, NA	11447.100, 59281.200	NA, NA	39.779, 132.925	39.779, 132.925
	BLQ Values Included	0	0	0	NA	1	1
	N	0	1	1	0	1	1
	MEAN, GEO MEAN	NA, NA	31483.500, 31483.500	31483.500, 31483.500	NA, NA	14.880, 14.880	14.880, 14.880
	SD, SE	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
	MEDIAN	NA	31483.500	31483.500	NA	14.880	14.880
\$50,000 or more	MIN, MAX	NA, NA	31483.480, 31483.480	31483.480, 31483.480	NA, NA	14.880, 14.880	14.880, 14.880
	5%, 95%	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
	BLQ Values Included	NA	0	0	NA	1	1
	N	1	1	2	1	0	1
	MEAN, GEO MEAN	41181.400, 41181.400	34072.600, 34072.600	37627.000, 37458.700	25.296, 25.296	NA, NA	25.296, 25.296
	SD, SE	NA, NA	NA, NA	5026.6800, 3554.4000	NA, NA	NA, NA	NA, NA
	MEDIAN	41181.400	34072.600	37627.000	25.296	NA	25.296
	MIN, MAX	41181.385, 41181.385	34072.584, 34072.584	34072.584, 41181.385	25.296, 25.296	NA, NA	25.296, 25.296
	5%, 95%	NA, NA	NA, NA	34072.600, 41181.400	NA, NA	NA, NA	NA, NA
	BLQ Values Included	0	0	0	1	NA	1

TABLE 14.4-11
DESCRIPTIVE STATISTICS OF 24-HOUR URINE BIOMARKERS OF EXPOSURE BY TIMEPOINT FOR DEMOGRAPHIC CHARACTERISTIC: ANNUAL HOUSEHOLD INCOME
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Lab: INBIFO
Biomarker: Total 3-hydroxycotinine (nmol/24hr)
Timepoint: Week 2

Characteristic	Statistic	Smokers			Non-Smokers		
		Male	Female	Overall	Male	Female	Overall
\$19,999 or less	N	1	0	1	1	0	1
	MEAN, GEO MEAN	19995.700, 19995.700	NA, NA	19995.700, 19995.700	70.392, 70.392	NA, NA	70.392, 70.392
	SD, SE	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
	MEDIAN	19995.700	NA	19995.700	70.392	NA	70.392
	MIN, MAX	19995.744, 19995.744	NA, NA	19995.744, 19995.744	70.392, 70.392	NA, NA	70.392, 70.392
	5%, 95%	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
\$20,000 to \$39,999	BLQ Values Included	0	NA	0	0	NA	0
	N	1	1	2	0	1	1
	MEAN, GEO MEAN	13685.000, 13685.000	78161.900, 78161.900	45923.400, 32705.500	NA, NA	35.650, 35.650	35.650, 35.650
	SD, SE	NA, NA	NA, NA	45592.0000, 32238.4000	NA, NA	NA, NA	NA, NA
	MEDIAN	13685.000	78161.900	45923.400	NA	35.650	35.650
	MIN, MAX	13685.048, 13685.048	78161.850, 78161.850	13685.048, 78161.850	NA, NA	35.650, 35.650	35.650, 35.650
\$40,000 to \$49,999	5%, 95%	NA, NA	NA, NA	13685.000, 78161.900	NA, NA	NA, NA	NA, NA
	BLQ Values Included	0	0	0	NA	1	1
	N	0	1	1	0	1	1
	MEAN, GEO MEAN	NA, NA	33423.900, 33423.900	33423.900, 33423.900	NA, NA	12.896, 12.896	12.896, 12.896
	SD, SE	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
	MEDIAN	NA	33423.900	33423.900	NA	12.896	12.896
\$50,000 or more	MIN, MAX	NA, NA	33423.900, 33423.900	33423.900, 33423.900	NA, NA	12.896, 12.896	12.896, 12.896
	5%, 95%	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
	BLQ Values Included	NA	0	0	NA	1	1
	N	1	1	2	2	0	2
	MEAN, GEO MEAN	38820.000, 38820.000	24456.200, 24456.200	31638.100, 30812.100	28.396, 27.370	NA, NA	28.396, 27.370
	SD, SE	NA, NA	NA, NA	10156.7000, 7181.9100	10.6971, 7.5640	NA, NA	10.6971, 7.5640
	MEDIAN	38820.000	24456.200	31638.100	28.396	NA	28.396
	MIN, MAX	38819.979, 38819.979	24456.168, 24456.168	24456.168, 38819.979	20.832, 35.960	NA, NA	20.832, 35.960
	5%, 95%	NA, NA	NA, NA	24456.200, 38820.000	20.832, 35.960	NA, NA	20.832, 35.960
	BLQ Values Included	0	0	0	2	NA	2

TABLE 14.4-11
DESCRIPTIVE STATISTICS OF 24-HOUR URINE BIOMARKERS OF EXPOSURE BY TIMEPOINT FOR DEMOGRAPHIC CHARACTERISTIC: ANNUAL HOUSEHOLD INCOME
(Page 176 of 7)

Lab: INBIFO

Biomarker: Total 3-hydroxycotinine (nmol/24hr)

Timepoint: Week 3

Characteristic	Statistic	Smokers			Non-Smokers		
		Male	Female	Overall	Male	Female	Overall
\$19,999 or less	N	1	0	1	1	0	1
	MEAN, GEO MEAN	24015.500, 24015.500	NA, NA	24015.500, 24015.500	25.594, 25.594	NA, NA	25.594, 25.594
	SD, SE	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
	MEDIAN	24015.500	NA	24015.500	25.594	NA	25.594
	MIN, MAX	24015.545, 24015.545	NA, NA	24015.545, 24015.545	25.594, 25.594	NA, NA	25.594, 25.594
	5%, 95%	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
\$20,000 to \$39,999	BLQ Values Included	0	NA	0	1	NA	1
	N	1	1	2	0	1	1
	MEAN, GEO MEAN	5906.260, 5906.260	68488.300, 68488.300	37197.300, 20112.400	NA, NA	39.680, 39.680	39.680, 39.680
	SD, SE	NA, NA	NA, NA	44252.2000, 31291.0000	NA, NA	NA, NA	NA, NA
	MEDIAN	5906.260	68488.300	37197.300	NA	39.680	39.680
	MIN, MAX	5906.262, 5906.262	68488.280, 68488.280	5906.262, 68488.280	NA, NA	39.680, 39.680	39.680, 39.680
\$40,000 to \$49,999	5%, 95%	NA, NA	NA, NA	5906.260, 68488.300	NA, NA	NA, NA	NA, NA
	BLQ Values Included	0	0	0	NA	1	1
	N	0	1	1	0	1	1
	MEAN, GEO MEAN	NA, NA	16042.200, 16042.200	16042.200, 16042.200	NA, NA	15.624, 15.624	15.624, 15.624
	SD, SE	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
	MEDIAN	NA	16042.200	16042.200	NA	15.624	15.624
\$50,000 or more	MIN, MAX	NA, NA	16042.225, 16042.225	16042.225, 16042.225	NA, NA	15.624, 15.624	15.624, 15.624
	5%, 95%	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
	BLQ Values Included	NA	0	0	NA	1	1
	N	0	1	1	2	0	2
	MEAN, GEO MEAN	NA, NA	14817.300, 14817.300	14817.300, 14817.300	29.140, 28.331	NA, NA	29.140, 28.331
	SD, SE	NA, NA	NA, NA	NA, NA	9.6449, 6.8200	NA, NA	9.6449, 6.8200
	MEDIAN	NA	14817.300	14817.300	29.140	NA	29.140
	MIN, MAX	NA, NA	14817.346, 14817.346	14817.346, 14817.346	22.320, 35.960	NA, NA	22.320, 35.960
	5%, 95%	NA, NA	NA, NA	NA, NA	22.320, 35.960	NA, NA	22.320, 35.960
	BLQ Values Included	NA	0	0	2	NA	2
	N	0	1	1	2	0	2
	MEAN, GEO MEAN	NA, NA	14817.300, 14817.300	14817.300, 14817.300	29.140, 28.331	NA, NA	29.140, 28.331
	SD, SE	NA, NA	NA, NA	NA, NA	9.6449, 6.8200	NA, NA	9.6449, 6.8200
	MEDIAN	NA	14817.300	14817.300	29.140	NA	29.140
	MIN, MAX	NA, NA	14817.346, 14817.346	14817.346, 14817.346	22.320, 35.960	NA, NA	22.320, 35.960
	5%, 95%	NA, NA	NA, NA	NA, NA	22.320, 35.960	NA, NA	22.320, 35.960
	BLQ Values Included	NA	0	0	2	NA	2

TABLE 14.4-11
DESCRIPTIVE STATISTICS OF 24-HOUR URINE BIOMARKERS OF EXPOSURE BY TIMEPOINT FOR DEMOGRAPHIC CHARACTERISTIC: ANNUAL HOUSEHOLD INCOME
(Page 177 of 7)

Lab: INBIFO
Biomarker: Total 3-hydroxycotinine (nmol/24hr)
Timepoint: Overall*

Characteristic	Statistic	Smokers			Non-Smokers		
		Male	Female	Overall	Male	Female	Overall
\$19,999 or less	N	1	0	1	1	0	1
	MEAN, GEO MEAN	21919.200, 21919.200	NA, NA	21919.200, 21919.200	51.724, 51.724	NA, NA	51.724, 51.724
	SD, SE	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
	MEDIAN	21919.200	NA	21919.200	51.724	NA	51.724
	MIN, MAX	21919.200, 21919.200	NA, NA	21919.200, 21919.200	51.724, 51.724	NA, NA	51.724, 51.724
	5%, 95%	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
\$20,000 to \$39,999	N	1	1	2	0	2	2
	MEAN, GEO MEAN	10346.100, 10346.100	68643.800, 68643.800	39495.000, 26649.500	NA, NA	85.648, 71.417	85.648, 71.417
	SD, SE	NA, NA	NA, NA	41222.7000, 29148.9000	NA, NA	66.8605, 47.2775	66.8605, 47.2775
	MEDIAN	10346.100	68643.800	39495.000	NA	85.648	85.648
	MIN, MAX	10346.100, 10346.100	68643.800, 68643.800	10346.100, 68643.800	NA, NA	38.370, 132.925	38.370, 132.925
	5%, 95%	NA, NA	NA, NA	10346.100, 68643.800	NA, NA	38.370, 132.925	38.370, 132.925
\$40,000 to \$49,999	N	0	1	1	0	1	1
	MEAN, GEO MEAN	NA, NA	26983.200, 26983.200	26983.200, 26983.200	NA, NA	14.467, 14.467	14.467, 14.467
	SD, SE	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
	MEDIAN	NA	26983.200	26983.200	NA	14.467	14.467
	MIN, MAX	NA, NA	26983.200, 26983.200	26983.200, 26983.200	NA, NA	14.467, 14.467	14.467, 14.467
	5%, 95%	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
\$50,000 or more	N	1	1	2	2	0	2
	MEAN, GEO MEAN	40000.700, 40000.700	24448.700, 24448.700	32224.700, 31272.400	29.388, 28.644	NA, NA	29.388, 28.644
	SD, SE	NA, NA	NA, NA	10996.9000, 7776.0000	9.2942, 6.5720	NA, NA	9.2942, 6.5720
	MEDIAN	40000.700	24448.700	32224.700	29.388	NA	29.388
	MIN, MAX	40000.700, 40000.700	24448.700, 24448.700	24448.700, 40000.700	22.816, 35.960	NA, NA	22.816, 35.960
	5%, 95%	NA, NA	NA, NA	24448.700, 40000.700	22.816, 35.960	NA, NA	22.816, 35.960

* Overall values calculated by first averaging the results across visits within a subject, then calculating the descriptive statistics across subjects. Count of BLQ values does not apply as the BLQ values were converted to the upper limit of the BLQ (e.g., '<1.234' will be used as '1.234') for the averages across visits within a subject thus eliminating all BLQ values for the overall statistics.

TABLE 14.4-11
DESCRIPTIVE STATISTICS OF 24-HOUR URINE BIOMARKERS OF EXPOSURE BY TIMEPOINT FOR DEMOGRAPHIC CHARACTERISTIC: ANNUAL HOUSEHOLD INCOME
(Page 178 of ?)

Lab: INBIFO
Biomarker: Total 3-hydroxycotinine (ug/24hr)
Timepoint: Week 1

Characteristic	Statistic	Smokers			Non-Smokers		
		Male	Female	Overall	Male	Female	Overall
\$19,999 or less	N	1	0	1	1	0	1
	MEAN, GEO MEAN	4179.610, 4179.610	NA, NA	4179.610, 4179.610	11.375, 11.375	NA, NA	11.375, 11.375
	SD, SE	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
	MEDIAN	4179.610	NA	4179.610	11.375	NA	11.375
	MIN, MAX	4179.614, 4179.614	NA, NA	4179.614, 4179.614	11.375, 11.375	NA, NA	11.375, 11.375
	5%, 95%	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
	BLQ Values Included	0	NA	0	0	NA	0
\$20,000 to \$39,999	N	1	1	2	0	2	2
	MEAN, GEO MEAN	2200.140, 2200.140	11393.900, 11393.900	6796.990, 5006.800	NA, NA	16.597, 13.976	16.597, 13.976
	SD, SE	NA, NA	NA, NA	6500.9400, 4596.8600	NA, NA	12.6586, 8.9510	12.6586, 8.9510
	MEDIAN	2200.140	11393.900	6796.990	NA	16.597	16.597
	MIN, MAX	2200.136, 2200.136	11393.850, 11393.850	2200.136, 11393.850	NA, NA	7.646, 25.548	7.646, 25.548
	5%, 95%	NA, NA	NA, NA	2200.140, 11393.900	NA, NA	7.646, 25.548	7.646, 25.548
	BLQ Values Included	0	0	0	NA	1	1
\$40,000 to \$49,999	N	0	1	1	0	1	1
	MEAN, GEO MEAN	NA, NA	6051.130, 6051.130	6051.130, 6051.130	NA, NA	2.860, 2.860	2.860, 2.860
	SD, SE	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
	MEDIAN	NA	6051.130	6051.130	NA	2.860	2.860
	MIN, MAX	NA, NA	6051.125, 6051.125	6051.125, 6051.125	NA, NA	2.860, 2.860	2.860, 2.860
	5%, 95%	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
	BLQ Values Included	NA	0	0	NA	1	1
\$50,000 or more	N	1	1	2	1	0	1
	MEAN, GEO MEAN	7915.060, 7915.060	6548.750, 6548.750	7231.910, 7199.570	4.862, 4.862	NA, NA	4.862, 4.862
	SD, SE	NA, NA	NA, NA	966.1280, 683.1560	NA, NA	NA, NA	NA, NA
	MEDIAN	7915.060	6548.750	7231.910	4.862	NA	4.862
	MIN, MAX	7915.062, 7915.062	6548.751, 6548.751	6548.751, 7915.062	4.862, 4.862	NA, NA	4.862, 4.862
	5%, 95%	NA, NA	NA, NA	6548.750, 7915.060	NA, NA	NA, NA	NA, NA
	BLQ Values Included	0	0	0	1	NA	1

TABLE 14.4-11
DESCRIPTIVE STATISTICS OF 24-HOUR URINE BIOMARKERS OF EXPOSURE BY TIMEPOINT FOR DEMOGRAPHIC CHARACTERISTIC: ANNUAL HOUSEHOLD INCOME
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Lab: INBLFO
Biomarker: Total 3-hydroxycotinine (ug/24hr)
Timepoint: Week 2

Characteristic	Statistic	Smokers			Non-Smokers		
		Male	Female	Overall	Male	Female	Overall
\$19,999 or less	N	1	0	1	1	0	1
	MEAN, GEO MEAN	3843.180, 3843.180	NA, NA	3843.180, 3843.180	13.529, 13.529	NA, NA	13.529, 13.529
	SD, SE	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
	MEDIAN	3843.180	NA	3843.180	13.529	NA	13.529
	MIN, MAX	3843.182, 3843.182	NA, NA	3843.182, 3843.182	13.529, 13.529	NA, NA	13.529, 13.529
	5%, 95%	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
\$20,000 to \$39,999	BLQ Values Included	0	NA	0	0	NA	0
	N	1	1	2	0	1	1
	MEAN, GEO MEAN	2630.270, 2630.270	15022.700, 15022.700	8826.490, 6285.990	NA, NA	6.852, 6.852	6.852, 6.852
	SD, SE	NA, NA	NA, NA	8762.7800, 6196.2200	NA, NA	NA, NA	NA, NA
	MEDIAN	2630.270	15022.700	8826.490	NA	6.852	6.852
	MIN, MAX	2630.266, 2630.266	15022.708, 15022.708	2630.266, 15022.708	NA, NA	6.852, 6.852	6.852, 6.852
\$40,000 to \$49,999	5%, 95%	NA, NA	NA, NA	2630.270, 15022.700	NA, NA	NA, NA	NA, NA
	BLQ Values Included	0	0	0	NA	1	1
	N	0	1	1	0	1	1
	MEAN, GEO MEAN	NA, NA	6424.070, 6424.070	6424.070, 6424.070	NA, NA	2.479, 2.479	2.479, 2.479
	SD, SE	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
	MEDIAN	NA	6424.070	6424.070	NA	2.479	2.479
\$50,000 or more	MIN, MAX	NA, NA	6424.074, 6424.074	6424.074, 6424.074	NA, NA	2.479, 2.479	2.479, 2.479
	5%, 95%	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
	BLQ Values Included	NA	0	0	NA	1	1
	N	1	1	2	2	0	2
	MEAN, GEO MEAN	7461.200, 7461.200	4700.480, 4700.480	6080.840, 5922.090	5.458, 5.261	NA, NA	5.458, 5.261
	SD, SE	NA, NA	NA, NA	1952.1300, 1380.3600	2.0563, 1.4540	NA, NA	2.0563, 1.4540
	MEDIAN	7461.200	4700.480	6080.840	5.458	NA	5.458
	MIN, MAX	7461.200, 7461.200	4700.475, 4700.475	4700.475, 7461.200	4.004, 6.912	NA, NA	4.004, 6.912
	5%, 95%	NA, NA	NA, NA	4700.480, 7461.200	4.004, 6.912	NA, NA	4.004, 6.912
	BLQ Values Included	0	0	0	2	NA	2

TABLE 14.4-11
DESCRIPTIVE STATISTICS OF 24-HOUR URINE BIOMARKERS OF EXPOSURE BY TIMEPOINT FOR DEMOGRAPHIC CHARACTERISTIC: ANNUAL HOUSEHOLD INCOME
(Page 180 of 7)

Lab: INBIFO
Biomarker: Total 3-hydroxycotinine (ug/24hr)
Timepoint: Week 3

Characteristic	Statistic	Smokers			Non-Smokers		
		Male	Female	Overall	Male	Female	Overall
\$19,999 or less	N	1	0	1	1	0	1
	MEAN, GEO MEAN	4615.790, 4615.790	NA, NA	4615.790, 4615.790	4.919, 4.919	NA, NA	4.919, 4.919
	SD, SE	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
	MEDIAN	4615.790	NA	4615.790	4.919	NA	4.919
	MIN, MAX	4615.788, 4615.788	NA, NA	4615.788, 4615.788	4.919, 4.919	NA, NA	4.919, 4.919
	5%, 95%	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
\$20,000 to \$39,999	BLQ Values Included	0	NA	0	1	NA	1
	N	1	1	2	0	1	1
	MEAN, GEO MEAN	1135.180, 1135.180	13163.400, 13163.400	7149.320, 3865.610	NA, NA	7.626, 7.626	7.626, 7.626
	SD, SE	NA, NA	NA, NA	8505.2700, 6014.1300	NA, NA	NA, NA	NA, NA
	MEDIAN	1135.180	13163.400	7149.320	NA	7.626	7.626
	MIN, MAX	1135.184, 1135.184	13163.447, 13163.447	1135.184, 13163.447	NA, NA	7.626, 7.626	7.626, 7.626
\$40,000 to \$49,999	5%, 95%	NA, NA	NA, NA	1135.180, 13163.400	NA, NA	NA, NA	NA, NA
	BLQ Values Included	0	0	0	NA	1	1
	N	0	1	1	0	1	1
	MEAN, GEO MEAN	NA, NA	3083.320, 3083.320	3083.320, 3083.320	NA, NA	3.003, 3.003	3.003, 3.003
	SD, SE	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
	MEDIAN	NA	3083.320	3083.320	NA	3.003	3.003
\$50,000 or more	MIN, MAX	NA, NA	3083.316, 3083.316	3083.316, 3083.316	NA, NA	3.003, 3.003	3.003, 3.003
	5%, 95%	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
	BLQ Values Included	NA	0	0	NA	1	1
	N	0	1	1	2	0	2
	MEAN, GEO MEAN	NA, NA	2847.890, 2847.890	2847.890, 2847.890	5.601, 5.445	NA, NA	5.601, 5.445
	SD, SE	NA, NA	NA, NA	NA, NA	1.8540, 1.3110	NA, NA	1.8540, 1.3110
	MEDIAN	NA	2847.890	2847.890	5.601	NA	5.601
	MIN, MAX	NA, NA	2847.894, 2847.894	2847.894, 2847.894	4.290, 6.912	NA, NA	4.290, 6.912
	5%, 95%	NA, NA	NA, NA	NA, NA	4.290, 6.912	NA, NA	4.290, 6.912
	BLQ Values Included	NA	0	0	2	NA	2

TABLE 14.4-11
DESCRIPTIVE STATISTICS OF 24-HOUR URINE BIOMARKERS OF EXPOSURE BY TIMEPOINT FOR DEMOGRAPHIC CHARACTERISTIC: ANNUAL HOUSEHOLD INCOME
(Page 181 of 7)

Lab: INBITO
Biomarker: Total 3-hydroxycotinine (ng/24hr)
Timepoint: Overall*

Characteristic	Statistic	Smokers			Non-Smokers		
		Male	Female	Overall	Male	Female	Overall
\$19,999 or less	N	1	0	1	1	0	1
	MEAN, GEO MEAN	4212.860, 4212.860	NA, NA	4212.860, 4212.860	9.941, 9.941	NA, NA	9.941, 9.941
	SD, SE	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
	MEDIAN	4212.860	NA	4212.860	9.941	NA	9.941
	MIN, MAX	4212.860, 4212.860	NA, NA	4212.860, 4212.860	9.941, 9.941	NA, NA	9.941, 9.941
	5%, 95%	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
\$20,000 to \$39,999	N	1	1	2	0	2	2
	MEAN, GEO MEAN	1988.530, 1988.530	13193.300, 13193.300	7590.920, 5122.040	NA, NA	16.462, 13.726	16.462, 13.726
	SD, SE	NA, NA	NA, NA	7922.9700, 5602.3900	NA, NA	12.8503, 9.0865	12.8503, 9.0865
	MEDIAN	1988.530	13193.300	7590.920	NA	16.462	16.462
	MIN, MAX	1988.530, 1988.530	13193.300, 13193.300	1988.530, 13193.300	NA, NA	7.375, 25.548	7.375, 25.548
	5%, 95%	NA, NA	NA, NA	1988.530, 13193.300	NA, NA	7.375, 25.548	7.375, 25.548
\$40,000 to \$49,999	N	0	1	1	0	1	1
	MEAN, GEO MEAN	NA, NA	5186.170, 5186.170	5186.170, 5186.170	NA, NA	2.781, 2.781	2.781, 2.781
	SD, SE	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
	MEDIAN	NA	5186.170	5186.170	NA	2.781	2.781
	MIN, MAX	NA, NA	5186.170, 5186.170	5186.170, 5186.170	NA, NA	2.781, 2.781	2.781, 2.781
	5%, 95%	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
\$50,000 or more	N	1	1	2	2	0	2
	MEAN, GEO MEAN	7688.130, 7688.130	4699.040, 4699.040	6193.590, 6010.560	5.649, 5.505	NA, NA	5.649, 5.505
	SD, SE	NA, NA	NA, NA	2113.6100, 1494.5500	1.7869, 1.2635	NA, NA	1.7869, 1.2635
	MEDIAN	7688.130	4699.040	6193.590	5.649	NA	5.649
	MIN, MAX	7688.130, 7688.130	4699.040, 4699.040	4699.040, 7688.130	4.385, 6.912	NA, NA	4.385, 6.912
	5%, 95%	NA, NA	NA, NA	4699.040, 7688.130	4.385, 6.912	NA, NA	4.385, 6.912

* Overall values calculated by first averaging the results across visits within a subject, then calculating the descriptive statistics across subjects. Count of BLQ values does not apply as the BLQ values were converted to the upper limit of the BLQ (e.g., '<1.234' will be used as '1.234') for the averages across visits within a subject thus eliminating all BLQ values for the overall statistics.

TABLE 14.4-11
DESCRIPTIVE STATISTICS OF 24-HOUR URINE BIOMARKERS OF EXPOSURE BY TIMEPOINT FOR DEMOGRAPHIC CHARACTERISTIC: ANNUAL HOUSEHOLD INCOME
(Page 182 of 7)

Lab: INBIFO
Biomarker: Free 3-hydroxycotinine (nmol/24hr)
Timepoint: Week 1

Characteristic	Statistic	Smokers			Non-Smokers		
		Male	Female	Overall	Male	Female	Overall
\$19,999 or less	N	1	0	1	2	0	2
	MEAN, GEO MEAN	18354.800, 18354.800	NA, NA	18354.800, 18354.800	37.114, 36.731	NA, NA	37.114, 36.731
	SD, SE	NA, NA	NA, NA	NA, NA	7.5144, 5.3135	NA, NA	7.5144, 5.3135
	MEDIAN	18354.800	NA	18354.800	37.114	NA	37.114
	MIN, MAX	18354.825, 18354.825	NA, NA	18354.825, 18354.825	31.800, 42.427	NA, NA	31.800, 42.427
	5%, 95%	NA, NA	NA, NA	NA, NA	31.800, 42.427	NA, NA	31.800, 42.427
\$20,000 to \$39,999	BLQ Values Included	0	NA	0	0	NA	0
	N	1	1	2	0	3	3
	MEAN, GEO MEAN	9903.930, 9903.930	47408.900, 47408.900	28656.400, 21668.700	NA, NA	40.491, 35.233	40.491, 35.233
	SD, SE	NA, NA	NA, NA	26520.0000, 18752.5000	NA, NA	21.7655, 12.5663	21.7655, 12.5663
	MEDIAN	9903.930	47408.900	28656.400	NA	49.205	49.205
	MIN, MAX	9903.928, 9903.928	47408.910, 47408.910	9903.928, 47408.910	NA, NA	15.719, 56.550	15.719, 56.550
\$40,000 to \$49,999	5%, 95%	NA, NA	NA, NA	9903.930, 47408.900	NA, NA	15.719, 56.550	15.719, 56.550
	BLQ Values Included	0	0	0	NA	0	0
	N	0	1	1	0	1	1
	MEAN, GEO MEAN	NA, NA	25955.800, 25955.800	25955.800, 25955.800	NA, NA	5.880, 5.880	5.880, 5.880
	SD, SE	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
	MEDIAN	NA	25955.800	25955.800	NA	5.880	5.880
\$50,000 or more	MIN, MAX	NA, NA	25955.790, 25955.790	25955.790, 25955.790	NA, NA	5.880, 5.880	5.880, 5.880
	5%, 95%	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
	BLQ Values Included	NA	0	0	NA	0	0
	N	1	1	2	2	0	2
	MEAN, GEO MEAN	34950.800, 34950.800	27146.300, 27146.300	31048.600, 30802.400	10.180, 10.076	NA, NA	10.180, 10.076
	SD, SE	NA, NA	NA, NA	5518.6600, 3902.2800	2.0478, 1.4480	NA, NA	2.0478, 1.4480
	MEDIAN	34950.800	27146.300	31048.600	10.180	NA	10.180
	MIN, MAX	34950.846, 34950.846	27146.280, 27146.280	27146.280, 34950.846	8.732, 11.628	NA, NA	8.732, 11.628
	5%, 95%	NA, NA	NA, NA	27146.300, 34950.800	8.732, 11.628	NA, NA	8.732, 11.628
	BLQ Values Included	0	0	0	0	NA	0

TABLE 14.4-11
DESCRIPTIVE STATISTICS OF 24-HOUR URINE BIOMARKERS OF EXPOSURE BY TIMEPOINT FOR DEMOGRAPHIC CHARACTERISTIC: ANNUAL HOUSEHOLD INCOME
(Page 183 of 7)

Lab: INBIFO
Biomarker: Free 3-hydroxycotinine (nmol/24hr)
Timepoint: Week 2

Characteristic	Statistic	Smokers			Non-Smokers		
		Male	Female	Overall	Male	Female	Overall
\$19,999 or less	N	1	0	1	2	0	2
	MEAN, GEO MEAN	14936.900, 14936.900	NA, NA	14936.900, 14936.900	47.109, 47.103	NA, NA	47.109, 47.103
	SD, SE	NA, NA	NA, NA	NA, NA	1.0479, 0.7410	NA, NA	1.0479, 0.7410
	MEDIAN	14936.900	NA	14936.900	47.109	NA	47.109
	MIN, MAX	14936.916, 14936.916	NA, NA	14936.916, 14936.916	46.368, 47.850	NA, NA	46.368, 47.850
	5%, 95%	NA, NA	NA, NA	NA, NA	46.368, 47.850	NA, NA	46.368, 47.850
	BLQ Values Included	0	NA	0	0	NA	0
\$20,000 to \$39,999	N	1	1	2	0	3	3
	MEAN, GEO MEAN	9062.490, 9062.490	67799.200, 67799.200	38430.800, 24787.700	NA, NA	23.943, 23.237	23.943, 23.237
	SD, SE	NA, NA	NA, NA	41533.1000, 29368.3000	NA, NA	7.1407, 4.1227	7.1407, 4.1227
	MEDIAN	9062.490	67799.200	38430.800	NA	23.120	23.120
	MIN, MAX	9062.489, 9062.489	67799.170, 67799.170	9062.489, 67799.170	NA, NA	17.250, 31.460	17.250, 31.460
	5%, 95%	NA, NA	NA, NA	9062.490, 67799.200	NA, NA	17.250, 31.460	17.250, 31.460
	BLQ Values Included	0	0	0	NA	0	0
\$40,000 to \$49,999	N	0	1	1	0	1	1
	MEAN, GEO MEAN	NA, NA	28809.600, 28809.600	28809.600, 28809.600	NA, NA	10.712, 10.712	10.712, 10.712
	SD, SE	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
	MEDIAN	NA	28809.600	28809.600	NA	10.712	10.712
	MIN, MAX	NA, NA	28809.570, 28809.570	28809.570, 28809.570	NA, NA	10.712, 10.712	10.712, 10.712
	5%, 95%	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
	BLQ Values Included	NA	0	0	NA	0	0
\$50,000 or more	N	1	1	2	1	0	1
	MEAN, GEO MEAN	31457.200, 31457.200	20619.100, 20619.100	26038.200, 25468.000	10.920, 10.920	NA, NA	10.920, 10.920
	SD, SE	NA, NA	NA, NA	7663.7000, 5419.0500	NA, NA	NA, NA	NA, NA
	MEDIAN	31457.200	20619.100	26038.200	10.920	NA	10.920
	MIN, MAX	31457.230, 31457.230	20619.126, 20619.126	20619.126, 31457.230	10.920, 10.920	NA, NA	10.920, 10.920
	5%, 95%	NA, NA	NA, NA	20619.100, 31457.200	NA, NA	NA, NA	NA, NA
	BLQ Values Included	0	0	0	0	NA	0

TABLE 14.4-11
DESCRIPTIVE STATISTICS OF 24-HOUR URINE BIOMARKERS OF EXPOSURE BY TIMEPOINT FOR DEMOGRAPHIC CHARACTERISTIC: ANNUAL HOUSEHOLD INCOME
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Lab: INBIFO
Biomarker: Free 3-hydroxycotinine (nmol/24hr)
Timepoint: Week 3

Characteristic	Statistic	Smokers			Non-Smokers		
		Male	Female	Overall	Male	Female	Overall
\$19,999 or less	N	1	0	1	2	0	2
	MEAN, GEO MEAN	19020.200, 19020.200	NA, NA	19020.200, 19020.200	25.412, 22.925	NA, NA	25.412, 22.925
	SD, SE	NA, NA	NA, NA	NA, NA	15.5047, 10.9635	NA, NA	15.5047, 10.9635
	MEDIAN	19020.200	NA	19020.200	25.412	NA	25.412
	MIN, MAX	19020.205, 19020.205	NA, NA	19020.205, 19020.205	14.448, 36.375	NA, NA	14.448, 36.375
	5%, 95%	NA, NA	NA, NA	NA, NA	14.448, 36.375	NA, NA	14.448, 36.375
	BLQ Values Included	0	NA	0	0	NA	0
\$20,000 to \$39,999	N	1	1	2	0	2	2
	MEAN, GEO MEAN	5533.660, 5533.660	51582.300, 51582.300	28558.000, 16894.900	NA, NA	25.000, 24.065	25.000, 24.065
	SD, SE	NA, NA	NA, NA	32561.3000, 23024.3000	NA, NA	9.5771, 6.7720	9.5771, 6.7720
	MEDIAN	5533.660	51582.300	28558.000	NA	25.000	25.000
	MIN, MAX	5533.662, 5533.662	51582.300, 51582.300	5533.662, 51582.300	NA, NA	18.228, 31.772	18.228, 31.772
	5%, 95%	NA, NA	NA, NA	5533.660, 51582.300	NA, NA	18.228, 31.772	18.228, 31.772
	BLQ Values Included	0	0	0	NA	0	0
\$40,000 to \$49,999	N	0	1	1	0	1	1
	MEAN, GEO MEAN	NA, NA	13375.200, 13375.200	13375.200, 13375.200	NA, NA	9.450, 9.450	9.450, 9.450
	SD, SE	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
	MEDIAN	NA	13375.200	13375.200	NA	9.450	9.450
	MIN, MAX	NA, NA	13375.150, 13375.150	13375.150, 13375.150	NA, NA	9.450, 9.450	9.450, 9.450
	5%, 95%	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
	BLQ Values Included	NA	0	0	NA	0	0
\$50,000 or more	N	0	1	1	0	0	0
	MEAN, GEO MEAN	NA, NA	13910.500, 13910.500	13910.500, 13910.500	NA, NA	NA, NA	NA, NA
	SD, SE	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
	MEDIAN	NA	13910.500	13910.500	NA	NA	NA
	MIN, MAX	NA, NA	13910.514, 13910.514	13910.514, 13910.514	NA, NA	NA, NA	NA, NA
	5%, 95%	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
	BLQ Values Included	NA	0	0	NA	NA	NA

TABLE 14.4-11
DESCRIPTIVE STATISTICS OF 24-HOUR URINE BIOMARKERS OF EXPOSURE BY TIMEPOINT FOR DEMOGRAPHIC CHARACTERISTIC: ANNUAL HOUSEHOLD INCOME
(Page 185 of ?)

Lab: INBIFO
Biomarker: Free 3-hydroxycotinine (nmol/24hr)
Timepoint: Overall*

Characteristic	Statistic	Smokers			Non-Smokers		
		Male	Female	Overall	Male	Female	Overall
\$19,999 or less	N	1	0	1	2	0	2
	MEAN, GEO MEAN	17437.300, 17437.300	NA, NA	17437.300, 17437.300	36.545, 36.482	NA, NA	36.545, 36.482
	SD, SE	NA, NA	NA, NA	NA, NA	3.0130, 2.1305	NA, NA	3.0130, 2.1305
	MEDIAN	17437.300	NA	17437.300	36.545	NA	36.545
	MIN, MAX	17437.300, 17437.300	NA, NA	17437.300, 17437.300	34.414, 38.675	NA, NA	34.414, 38.675
\$20,000 to \$39,999	N	1	1	2	0	3	3
	MEAN, GEO MEAN	8166.690, 8166.690	55596.800, 55596.800	31881.700, 21308.300	NA, NA	28.865, 27.228	28.865, 27.228
	SD, SE	NA, NA	NA, NA	33538.2000, 23715.1000	NA, NA	10.9238, 6.3068	10.9238, 6.3068
	MEDIAN	8166.690	55596.800	31881.700	NA	32.964	32.964
	MIN, MAX	8166.690, 8166.690	55596.800, 55596.800	8166.690, 55596.800	NA, NA	16.485, 37.147	16.485, 37.147
\$40,000 to \$49,999	N	0	1	1	0	1	1
	MEAN, GEO MEAN	NA, NA	22713.500, 22713.500	22713.500, 22713.500	NA, NA	8.681, 8.681	8.681, 8.681
	SD, SE	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
	MEDIAN	NA	22713.500	22713.500	NA	8.681	8.681
	MIN, MAX	NA, NA	22713.500, 22713.500	22713.500, 22713.500	NA, NA	8.681, 8.681	8.681, 8.681
\$50,000 or more	N	1	1	2	2	0	2
	MEAN, GEO MEAN	33204.000, 33204.000	20558.600, 20558.600	26881.300, 26127.100	10.003, 9.922	NA, NA	10.003, 9.922
	SD, SE	NA, NA	NA, NA	8941.6500, 6322.7000	1.7975, 1.2710	NA, NA	1.7975, 1.2710
	MEDIAN	33204.000	20558.600	26881.300	10.003	NA	10.003
	MIN, MAX	33204.000, 33204.000	20558.600, 20558.600	20558.600, 33204.000	8.732, 11.274	NA, NA	8.732, 11.274
	N	1	1	2	2	0	2
	MEAN, GEO MEAN	33204.000, 33204.000	20558.600, 20558.600	26881.300, 26127.100	10.003, 9.922	NA, NA	10.003, 9.922
	SD, SE	NA, NA	NA, NA	8941.6500, 6322.7000	1.7975, 1.2710	NA, NA	1.7975, 1.2710
	MEDIAN	33204.000	20558.600	26881.300	10.003	NA	10.003
	MIN, MAX	33204.000, 33204.000	20558.600, 20558.600	20558.600, 33204.000	8.732, 11.274	NA, NA	8.732, 11.274

* Overall values calculated by first averaging the results across visits within a subject, then calculating the descriptive statistics across subjects. Count of BLQ values does not apply as the BLQ values were converted to the upper limit of the BLQ (e.g., '<1.234' will be used as '1.234') for the averages across visits within a subject thus eliminating all BLQ values for the overall statistics.

TABLE 14.4-11
DESCRIPTIVE STATISTICS OF 24-HOUR URINE BIOMARKERS OF EXPOSURE BY TIMEPOINT FOR DEMOGRAPHIC CHARACTERISTIC: ANNUAL HOUSEHOLD INCOME
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Lab: INBIFO
Biomarker: Free 3-hydroxycotinine (ug/24hr)
Timepoint: Week 1

Characteristic	Statistic	Smokers			Non-Smokers		
		Male	Female	Overall	Male	Female	Overall
\$19,999 or less	N	1	0	1	2	0	2
	MEAN, GEO MEAN	3527.800, 3527.800	NA, NA	3527.800, 3527.800	7.133, 7.060	NA, NA	7.133, 7.060
	SD, SE	NA, NA	NA, NA	NA, NA	1.4439, 1.0210	NA, NA	1.4439, 1.0210
	MEDIAN	3527.800	NA	3527.800	7.133	NA	7.133
	MIN, MAX	3527.797, 3527.797	NA, NA	3527.797, 3527.797	6.112, 8.154	NA, NA	6.112, 8.154
	5%, 95%	NA, NA	NA, NA	NA, NA	6.112, 8.154	NA, NA	6.112, 8.154
	BLQ Values Included	0	NA	0	0	NA	0
\$20,000 to \$39,999	N	1	1	2	0	3	3
	MEAN, GEO MEAN	1903.540, 1903.540	9111.990, 9111.990	5507.760, 4164.730	NA, NA	7.782, 6.772	7.782, 6.772
	SD, SE	NA, NA	NA, NA	5097.1500, 3604.2300	NA, NA	4.1834, 2.4153	4.1834, 2.4153
	MEDIAN	1903.540	9111.990	5507.760	NA	9.457	9.457
	MIN, MAX	1903.535, 1903.535	9111.993, 9111.993	1903.535, 9111.993	NA, NA	3.021, 10.869	3.021, 10.869
	5%, 95%	NA, NA	NA, NA	1903.540, 9111.990	NA, NA	3.021, 10.869	3.021, 10.869
	BLQ Values Included	0	0	0	NA	0	0
\$40,000 to \$49,999	N	0	1	1	0	1	1
	MEAN, GEO MEAN	NA, NA	4988.700, 4988.700	4988.700, 4988.700	NA, NA	1.130, 1.130	1.130, 1.130
	SD, SE	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
	MEDIAN	NA	4988.700	4988.700	NA	1.130	1.130
	MIN, MAX	NA, NA	4988.703, 4988.703	4988.703, 4988.703	NA, NA	1.130, 1.130	1.130, 1.130
	5%, 95%	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
	BLQ Values Included	NA	0	0	NA	0	0
\$50,000 or more	N	1	1	2	2	0	2
	MEAN, GEO MEAN	6717.550, 6717.550	5217.520, 5217.520	5967.530, 5920.210	1.957, 1.937	NA, NA	1.957, 1.937
	SD, SE	NA, NA	NA, NA	1060.6900, 750.0190	0.3939, 0.2785	NA, NA	0.3939, 0.2785
	MEDIAN	6717.550	5217.520	5967.530	1.957	NA	1.957
	MIN, MAX	6717.553, 6717.553	5217.515, 5217.515	5217.515, 6717.553	1.678, 2.235	NA, NA	1.678, 2.235
	5%, 95%	NA, NA	NA, NA	5217.520, 6717.550	1.678, 2.235	NA, NA	1.678, 2.235
	BLQ Values Included	0	0	0	0	NA	0

TABLE 14.4-11
DESCRIPTIVE STATISTICS OF 24-HOUR URINE BIOMARKERS OF EXPOSURE BY TIMEPOINT FOR DEMOGRAPHIC CHARACTERISTIC: ANNUAL HOUSEHOLD INCOME
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Lab: INBIFO
Biomarker: Free 3-hydroxycotinine (ug/24hr)
Timepoint: Week 2

Characteristic	Statistic	Smokers			Non-Smokers		
		Male	Female	Overall	Male	Female	Overall
\$19,999 or less	N	1	0	1	2	0	2
	MEAN, GEO MEAN	2870.880, 2870.880	NA, NA	2870.880, 2870.880	9.055, 9.053	NA, NA	9.055, 9.053
	SD, SE	NA, NA	NA, NA	NA, NA	0.2015, 0.1425	NA, NA	0.2015, 0.1425
	MEDIAN	2870.880	NA	2870.880	9.055	NA	9.055
	MIN, MAX	2870.875, 2870.875	NA, NA	2870.875, 2870.875	8.912, 9.197	NA, NA	8.912, 9.197
	5%, 95%	NA, NA	NA, NA	NA, NA	8.912, 9.197	NA, NA	8.912, 9.197
\$20,000 to \$39,999	BLQ Values Included	0	NA	0	0	NA	0
	N	1	1	2	0	3	3
	MEAN, GEO MEAN	1741.810, 1741.810	13031.000, 13031.000	7386.410, 4764.190	NA, NA	4.602, 4.466	4.602, 4.466
	SD, SE	NA, NA	NA, NA	7982.6600, 5644.6000	NA, NA	1.3728, 0.7926	1.3728, 0.7926
	MEDIAN	1741.810	13031.000	7386.410	NA	4.444	4.444
	MIN, MAX	1741.810, 1741.810	13031.000, 13031.000	1741.810, 13031.000	NA, NA	3.315, 6.047	3.315, 6.047
\$40,000 to \$49,999	5%, 95%	NA, NA	NA, NA	1741.810, 13031.000	NA, NA	3.315, 6.047	3.315, 6.047
	BLQ Values Included	0	0	0	NA	0	0
	N	0	1	1	0	1	1
	MEAN, GEO MEAN	NA, NA	5537.200, 5537.200	5537.200, 5537.200	NA, NA	2.059, 2.059	2.059, 2.059
	SD, SE	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
	MEDIAN	NA	5537.200	5537.200	NA	2.059	2.059
\$50,000 or more	MIN, MAX	NA, NA	5537.199, 5537.199	5537.199, 5537.199	NA, NA	2.059, 2.059	2.059, 2.059
	5%, 95%	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
	BLQ Values Included	NA	0	0	NA	0	0
	N	1	1	2	1	0	1
	MEAN, GEO MEAN	6046.080, 6046.080	3963.000, 3963.000	5004.540, 4894.960	2.099, 2.099	NA, NA	2.099, 2.099
	SD, SE	NA, NA	NA, NA	1472.9600, 1041.5400	NA, NA	NA, NA	NA, NA
	MEDIAN	6046.080	3963.000	5004.540	2.099	NA	2.099
	MIN, MAX	6046.080, 6046.080	3962.996, 3962.996	3962.996, 6046.080	2.099, 2.099	NA, NA	2.099, 2.099
	5%, 95%	NA, NA	NA, NA	3963.000, 6046.080	NA, NA	NA, NA	NA, NA
	BLQ Values Included	0	0	0	0	NA	0

TABLE 14.4-11
DESCRIPTIVE STATISTICS OF 24-HOUR URINE BIOMARKERS OF EXPOSURE BY TIMEPOINT FOR DEMOGRAPHIC CHARACTERISTIC: ANNUAL HOUSEHOLD INCOME
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Lab: INBIFO

Biomarker: Free 3-hydroxycotinine (ug/24hr)

Timepoint: Week 3

Characteristic	Statistic	Smokers			Non-Smokers		
		Male	Female	Overall	Male	Female	Overall
\$19,999 or less	N	1	0	1	2	0	2
	MEAN, GEO MEAN	3655.680, 3655.680	NA, NA	3655.680, 3655.680	4.884, 4.406	NA, NA	4.884, 4.406
	SD, SE	NA, NA	NA, NA	NA, NA	2.9797, 2.1070	NA, NA	2.9797, 2.1070
	MEDIAN	3655.680	NA	3655.680	4.884	NA	4.884
	MIN, MAX	3655.683, 3655.683	NA, NA	3655.683, 3655.683	2.777, 6.991	NA, NA	2.777, 6.991
	5%, 95%	NA, NA	NA, NA	NA, NA	2.777, 6.991	NA, NA	2.777, 6.991
	BLQ Values Included	0	NA	0	0	NA	0
\$20,000 to \$39,999	N	1	1	2	0	2	2
	MEAN, GEO MEAN	1063.570, 1063.570	9914.120, 9914.120	5488.840, 3247.210	NA, NA	4.805, 4.625	4.805, 4.625
	SD, SE	NA, NA	NA, NA	6258.2800, 4425.2700	NA, NA	1.8413, 1.3020	1.8413, 1.3020
	MEDIAN	1063.570	9914.120	5488.840	NA	4.805	4.805
	MIN, MAX	1063.570, 1063.570	9914.118, 9914.118	1063.570, 9914.118	NA, NA	3.503, 6.107	3.503, 6.107
	5%, 95%	NA, NA	NA, NA	1063.570, 9914.120	NA, NA	3.503, 6.107	3.503, 6.107
	BLQ Values Included	0	0	0	NA	0	0
\$40,000 to \$49,999	N	0	1	1	0	1	1
	MEAN, GEO MEAN	NA, NA	2570.700, 2570.700	2570.700, 2570.700	NA, NA	1.816, 1.816	1.816, 1.816
	SD, SE	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
	MEDIAN	NA	2570.700	2570.700	NA	1.816	1.816
	MIN, MAX	NA, NA	2570.704, 2570.704	2570.704, 2570.704	NA, NA	1.816, 1.816	1.816, 1.816
	5%, 95%	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
	BLQ Values Included	NA	0	0	NA	0	0
\$50,000 or more	N	0	1	1	0	0	0
	MEAN, GEO MEAN	NA, NA	2673.600, 2673.600	2673.600, 2673.600	NA, NA	NA, NA	NA, NA
	SD, SE	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
	MEDIAN	NA	2673.600	2673.600	NA	NA	NA
	MIN, MAX	NA, NA	2673.601, 2673.601	2673.601, 2673.601	NA, NA	NA, NA	NA, NA
	5%, 95%	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
	BLQ Values Included	NA	0	0	NA	NA	NA

TABLE 14.4-11
DESCRIPTIVE STATISTICS OF 24-HOUR URINE BIOMARKERS OF EXPOSURE BY TIMEPOINT FOR DEMOGRAPHIC CHARACTERISTIC: ANNUAL HOUSEHOLD INCOME
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Lab: INBIFO
Biomarker: Free 3-hydroxycotinine (ug/24hr)
Timepoint: Overall*

Characteristic	Statistic	Male	Smokers Female	Overall	Male	Non-Smokers Female	Overall
\$19,999 or less	N	1	0	1	2	0	2
	MEAN, GEO MEAN	3351.450, 3351.450	NA, NA	3351.450, 3351.450	7.024, 7.012	NA, NA	7.024, 7.012
	SD, SE	NA, NA	NA, NA	NA, NA	0.5791, 0.4095	NA, NA	0.5791, 0.4095
	MEDIAN	3351.450	NA	3351.450	7.024	NA	7.024
	MIN, MAX	3351.450, 3351.450	NA, NA	3351.450, 3351.450	6.614, 7.433	NA, NA	6.614, 7.433
	5%, 95%	NA, NA	NA, NA	NA, NA	6.614, 7.433	NA, NA	6.614, 7.433
\$20,000 to \$39,999	N	1	1	2	0	3	3
	MEAN, GEO MEAN	1569.640, 1569.640	10685.700, 10685.700	6127.670, 4095.450	NA, NA	5.548, 5.233	5.548, 5.233
	SD, SE	NA, NA	NA, NA	6446.0300, 4558.0300	NA, NA	2.1000, 1.2124	2.1000, 1.2124
	MEDIAN	1569.640	10685.700	6127.670	NA	6.336	6.336
	MIN, MAX	1569.640, 1569.640	10685.700, 10685.700	1569.640, 10685.700	NA, NA	3.168, 7.140	3.168, 7.140
	5%, 95%	NA, NA	NA, NA	1569.640, 10685.700	NA, NA	3.168, 7.140	3.168, 7.140
\$40,000 to \$49,999	N	0	1	1	0	1	1
	MEAN, GEO MEAN	NA, NA	4365.540, 4365.540	4365.540, 4365.540	NA, NA	1.668, 1.668	1.668, 1.668
	SD, SE	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
	MEDIAN	NA	4365.540	4365.540	NA	1.668	1.668
	MIN, MAX	NA, NA	4365.540, 4365.540	4365.540, 4365.540	NA, NA	1.668, 1.668	1.668, 1.668
	5%, 95%	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
\$50,000 or more	N	1	1	2	2	0	2
	MEAN, GEO MEAN	6381.820, 6381.820	3951.370, 3951.370	5166.600, 5021.650	1.923, 1.907	NA, NA	1.923, 1.907
	SD, SE	NA, NA	NA, NA	1718.5900, 1215.2300	0.3458, 0.2445	NA, NA	0.3458, 0.2445
	MEDIAN	6381.820	3951.370	5166.600	1.923	NA	1.923
	MIN, MAX	6381.820, 6381.820	3951.370, 3951.370	3951.370, 6381.820	1.678, 2.167	NA, NA	1.678, 2.167
	5%, 95%	NA, NA	NA, NA	3951.370, 6381.820	1.678, 2.167	NA, NA	1.678, 2.167

* Overall values calculated by first averaging the results across visits within a subject, then calculating the descriptive statistics across subjects. Count of BLQ values does not apply as the BLQ values were converted to the upper limit of the BLQ (e.g., '<1.234' will be used as '1.234') for the averages across visits within a subject thus eliminating all BLQ values for the overall statistics.

TABLE 14.4-11
DESCRIPTIVE STATISTICS OF 24-HOUR URINE BIOMARKERS OF EXPOSURE BY TIMEPOINT FOR DEMOGRAPHIC CHARACTERISTIC: ANNUAL HOUSEHOLD INCOME
(Page 190 of ?)

Lab: INBIFO
Biomarker: Total Nicotine (nmol/mg Creatin)
Timepoint: Week 1

Characteristic	Statistic	Smokers			Non-Smokers		
		Male	Female	Overall	Male	Female	Overall
\$19,999 or less	N	1	0	1	1	0	1
	MEAN, GEO MEAN	17.795, 17.795	NA, NA	17.795, 17.795	0.015, 0.015	NA, NA	0.015, 0.015
	SD, SE	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
	MEDIAN	17.795	NA	17.795	0.015	NA	0.015
	MIN, MAX	17.795, 17.795	NA, NA	17.795, 17.795	0.015, 0.015	NA, NA	0.015, 0.015
	5%, 95%	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
\$20,000 to \$39,999	BLQ Values Included	0	NA	0	1	NA	1
	N	1	1	2	0	1	1
	MEAN, GEO MEAN	4.615, 4.615	8.454, 8.454	6.535, 6.246	NA, NA	0.039, 0.039	0.039, 0.039
	SD, SE	NA, NA	NA, NA	2.7146, 1.9195	NA, NA	NA, NA	NA, NA
	MEDIAN	4.615	8.454	6.535	NA	0.039	0.039
	MIN, MAX	4.615, 4.615	8.454, 8.454	4.615, 8.454	NA, NA	0.039, 0.039	0.039, 0.039
\$40,000 to \$49,999	5%, 95%	NA, NA	NA, NA	4.615, 8.454	NA, NA	NA, NA	NA, NA
	BLQ Values Included	0	0	0	NA	1	1
	N	0	1	1	0	1	1
	MEAN, GEO MEAN	NA, NA	9.439, 9.439	9.439, 9.439	NA, NA	0.019, 0.019	0.019, 0.019
	SD, SE	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
	MEDIAN	NA	9.439	9.439	NA	0.019	0.019
\$50,000 or more	MIN, MAX	NA, NA	9.439, 9.439	9.439, 9.439	NA, NA	0.019, 0.019	0.019, 0.019
	5%, 95%	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
	BLQ Values Included	NA	0	0	NA	1	1
	N	1	1	2	0	0	0
	MEAN, GEO MEAN	13.088, 13.088	2.896, 2.896	7.992, 6.157	NA, NA	NA, NA	NA, NA
	SD, SE	NA, NA	NA, NA	7.2068, 5.0960	NA, NA	NA, NA	NA, NA
	MEDIAN	13.088	2.896	7.992	NA	NA	NA
	MIN, MAX	13.088, 13.088	2.896, 2.896	2.896, 13.088	NA, NA	NA, NA	NA, NA
	5%, 95%	NA, NA	NA, NA	2.896, 13.088	NA, NA	NA, NA	NA, NA
	BLQ Values Included	0	0	0	NA	NA	NA

TABLE 14.4-11
DESCRIPTIVE STATISTICS OF 24-HOUR URINE BIOMARKERS OF EXPOSURE BY TIMEPOINT FOR DEMOGRAPHIC CHARACTERISTIC: ANNUAL HOUSEHOLD INCOME
(Page 191 of 2)

Lab: UNBIFO
Biomarker: Total Nicotine (nmol/mg Creatin)
Timepoint: Week 2

Characteristic	Statistic	Smokers			Non-Smokers		
		Male	Female	Overall	Male	Female	Overall
\$19,999 or less	N	1	0	1	1	0	1
	MEAN, GEO MEAN	17.906, 17.906	NA, NA	17.906, 17.906	0.016, 0.016	NA, NA	0.016, 0.016
	SD, SE	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
	MEDIAN	17.906	NA	17.906	0.016	NA	0.016
	MIN, MAX	17.906, 17.906	NA, NA	17.906, 17.906	0.016, 0.016	NA, NA	0.016, 0.016
	5%, 95%	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
	BLQ Values Included	0	NA	0	1	NA	1
\$20,000 to \$39,999	N	1	1	2	0	2	2
	MEAN, GEO MEAN	6.581, 6.581	9.321, 9.321	7.951, 7.832	NA, NA	0.036, 0.034	0.036, 0.034
	SD, SE	NA, NA	NA, NA	1.9375, 1.3700	NA, NA	0.0120, 0.0085	0.0120, 0.0085
	MEDIAN	6.581	9.321	7.951	NA	0.036	0.036
	MIN, MAX	6.581, 6.581	9.321, 9.321	6.581, 9.321	NA, NA	0.027, 0.044	0.027, 0.044
	5%, 95%	NA, NA	NA, NA	6.581, 9.321	NA, NA	0.027, 0.044	0.027, 0.044
	BLQ Values Included	0	0	0	NA	2	2
\$40,000 to \$49,999	N	0	1	1	0	1	1
	MEAN, GEO MEAN	NA, NA	10.962, 10.962	10.962, 10.962	NA, NA	0.042, 0.042	0.042, 0.042
	SD, SE	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
	MEDIAN	NA	10.962	10.962	NA	0.042	0.042
	MIN, MAX	NA, NA	10.962, 10.962	10.962, 10.962	NA, NA	0.042, 0.042	0.042, 0.042
	5%, 95%	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
	BLQ Values Included	NA	0	0	NA	0	0
\$50,000 or more	N	1	1	2	1	0	1
	MEAN, GEO MEAN	9.627, 9.627	4.131, 4.131	6.879, 6.306	0.026, 0.026	NA, NA	0.026, 0.026
	SD, SE	NA, NA	NA, NA	3.6863, 2.7480	NA, NA	NA, NA	NA, NA
	MEDIAN	9.627	4.131	6.879	0.026	NA	0.026
	MIN, MAX	9.627, 9.627	4.131, 4.131	4.131, 9.627	0.026, 0.026	NA, NA	0.026, 0.026
	5%, 95%	NA, NA	NA, NA	4.131, 9.627	NA, NA	NA, NA	NA, NA
	BLQ Values Included	0	0	0	1	NA	1

TABLE 14.4-11
DESCRIPTIVE STATISTICS OF 24-HOUR URINE BIOMARKERS OF EXPOSURE BY TIMEPOINT FOR DEMOGRAPHIC CHARACTERISTIC: ANNUAL HOUSEHOLD INCOME
(Page 192 of 7)

Lab: INBIFO
Biomarker: Total Nicotine (nmol/mg Creatin)
Timepoint: Week 3

Characteristic	Statistic	Smokers			Non-Smokers		
		Male	Female	Overall	Male	Female	Overall
\$19,999 or less	N	1	0	1	2	0	2
	MEAN, GEO MEAN	11.431, 11.431	NA, NA	11.431, 11.431	0.016, 0.015	NA, NA	0.016, 0.015
	SD, SE	NA, NA	NA, NA	NA, NA	0.0007, 0.0005	NA, NA	0.0007, 0.0005
	MEDIAN	11.431	NA	11.431	0.016	NA	0.016
	MIN, MAX	11.431, 11.431	NA, NA	11.431, 11.431	0.015, 0.016	NA, NA	0.015, 0.016
	5%, 95%	NA, NA	NA, NA	NA, NA	0.015, 0.016	NA, NA	0.015, 0.016
	BLQ Values Included	0	NA	0	2	NA	2
\$20,000 to \$39,999	N	1	1	2	0	2	2
	MEAN, GEO MEAN	4.861, 4.861	6.628, 6.628	5.745, 5.676	NA, NA	0.027, 0.026	0.027, 0.026
	SD, SE	NA, NA	NA, NA	1.2495, 0.8835	NA, NA	0.0035, 0.0025	0.0035, 0.0025
	MEDIAN	4.861	6.628	5.745	NA	0.027	0.027
	MIN, MAX	4.861, 4.861	6.628, 6.628	4.861, 6.628	NA, NA	0.024, 0.029	0.024, 0.029
	5%, 95%	NA, NA	NA, NA	4.861, 6.628	NA, NA	0.024, 0.029	0.024, 0.029
	BLQ Values Included	0	0	0	NA	2	2
\$40,000 to \$49,999	N	0	1	1	0	1	1
	MEAN, GEO MEAN	NA, NA	13.377, 13.377	13.377, 13.377	NA, NA	0.013, 0.013	0.013, 0.013
	SD, SE	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
	MEDIAN	NA	13.377	13.377	NA	0.013	0.013
	MIN, MAX	NA, NA	13.377, 13.377	13.377, 13.377	NA, NA	0.013, 0.013	0.013, 0.013
	5%, 95%	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
	BLQ Values Included	NA	0	0	NA	1	1
\$50,000 or more	N	0	1	1	2	0	2
	MEAN, GEO MEAN	NA, NA	6.143, 6.143	6.143, 6.143	0.026, 0.025	NA, NA	0.026, 0.025
	SD, SE	NA, NA	NA, NA	NA, NA	0.0021, 0.0015	NA, NA	0.0021, 0.0015
	MEDIAN	NA	6.143	6.143	0.026	NA	0.026
	MIN, MAX	NA, NA	6.143, 6.143	6.143, 6.143	0.024, 0.027	NA, NA	0.024, 0.027
	5%, 95%	NA, NA	NA, NA	NA, NA	0.024, 0.027	NA, NA	0.024, 0.027
	BLQ Values Included	NA	0	0	2	NA	2

TABLE 14.4-11
DESCRIPTIVE STATISTICS OF 24-HOUR URINE BIOMARKERS OF EXPOSURE BY TIMEPOINT FOR DEMOGRAPHIC CHARACTERISTIC: ANNUAL HOUSEHOLD INCOME
(Page 193 of 7)

Lab: INBIFO
Biomarker: Total Nicotine (nmol/mg Creatin)
Timepoint: Overall*

Characteristic	Statistic	Smokers			Non-Smokers		
		Male	Female	Overall	Male	Female	Overall
\$19,999 or less	N	1	0	1	2	0	2
	MEAN, GEO MEAN	15.711, 15.711	NA, NA	15.711, 15.711	0.016, 0.015	NA, NA	0.016, 0.015
	SD, SE	NA, NA	NA, NA	NA, NA	0.0007, 0.0005	NA, NA	0.0007, 0.0005
	MEDIAN	15.711	NA	15.711	0.016	NA	0.016
	MIN, MAX	15.711, 15.711	NA, NA	15.711, 15.711	0.015, 0.016	NA, NA	0.015, 0.016
\$20,000 to \$39,999	5%, 95%	NA, NA	NA, NA	NA, NA	0.015, 0.016	NA, NA	0.015, 0.016
	N	1	1	2	0	2	2
	MEAN, GEO MEAN	5.352, 5.352	8.134, 8.134	6.743, 6.598	NA, NA	0.033, 0.033	0.033, 0.033
	SD, SE	NA, NA	NA, NA	1.9672, 1.3910	NA, NA	0.0014, 0.0010	0.0014, 0.0010
	MEDIAN	5.352	8.134	6.743	NA	0.033	0.033
\$40,000 to \$49,999	MIN, MAX	5.352, 5.352	8.134, 8.134	5.352, 8.134	NA, NA	0.032, 0.034	0.032, 0.034
	5%, 95%	NA, NA	NA, NA	5.352, 8.134	NA, NA	0.032, 0.034	0.032, 0.034
	N	0	1	1	0	1	1
	MEAN, GEO MEAN	NA, NA	11.259, 11.259	11.259, 11.259	NA, NA	0.025, 0.025	0.025, 0.025
	SD, SE	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
\$50,000 or more	MEDIAN	NA	11.259	11.259	NA	0.025	0.025
	MIN, MAX	NA, NA	11.259, 11.259	11.259, 11.259	NA, NA	0.025, 0.025	0.025, 0.025
	5%, 95%	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
	N	1	1	2	2	0	2
	MEAN, GEO MEAN	11.358, 11.358	4.390, 4.390	7.874, 7.061	0.026, 0.026	NA, NA	0.026, 0.026
	SD, SE	NA, NA	NA, NA	4.9271, 3.4840	0.0014, 0.0010	NA, NA	0.0014, 0.0010
	MEDIAN	11.358	4.390	7.874	0.026	NA	0.026
	MIN, MAX	11.358, 11.358	4.390, 4.390	4.390, 11.358	0.025, 0.027	NA, NA	0.025, 0.027
	5%, 95%	NA, NA	NA, NA	4.390, 11.358	0.025, 0.027	NA, NA	0.025, 0.027

* Overall values calculated by first averaging the results across visits within a subject, then calculating the descriptive statistics across subjects. Count of BLQ values does not apply as the BLQ values were converted to the upper limit of the BLQ (e.g., '<1.234' will be used as '1.234') for the averages across visits within a subject thus eliminating all BLQ values for the overall statistics.

TABLE 14.4-11
DESCRIPTIVE STATISTICS OF 24-HOUR URINE BIOMARKERS OF EXPOSURE BY TIMEPOINT FOR DEMOGRAPHIC CHARACTERISTIC: ANNUAL HOUSEHOLD INCOME
(Page 194 of 7)

Lab: INBIFO
Biomarker: Total Nicotine (ug/mg Creatinin)
Timepoint: Week 1

Characteristic	Statistic	Smokers			Non-Smokers		
		Male	Female	Overall	Male	Female	Overall
\$19,999 or less	N	1	0	1	1	0	1
	MEAN, GEO MEAN	2.886, 2.886	NA, NA	2.886, 2.886	0.002, 0.002	NA, NA	0.002, 0.002
	SD, SE	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
	MEDIAN	2.886	NA	2.886	0.002	NA	0.002
	MIN, MAX	2.886, 2.886	NA, NA	2.886, 2.886	0.002, 0.002	NA, NA	0.002, 0.002
	5%, 95%	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
\$20,000 to \$39,999	BLQ Values Included	0	NA	0	1	NA	1
	N	1	1	2	0	1	1
	MEAN, GEO MEAN	0.749, 0.749	1.371, 1.371	1.060, 1.013	NA, NA	0.006, 0.006	0.006, 0.006
	SD, SE	NA, NA	NA, NA	0.4398, 0.3110	NA, NA	NA, NA	NA, NA
	MEDIAN	0.749	1.371	1.060	NA	0.006	0.006
	MIN, MAX	0.749, 0.749	1.371, 1.371	0.749, 1.371	NA, NA	0.006, 0.006	0.006, 0.006
\$40,000 to \$49,999	5%, 95%	NA, NA	NA, NA	0.749, 1.371	NA, NA	NA, NA	NA, NA
	BLQ Values Included	0	0	0	NA	1	1
	N	0	1	1	0	1	1
	MEAN, GEO MEAN	NA, NA	1.531, 1.531	1.531, 1.531	NA, NA	0.003, 0.003	0.003, 0.003
	SD, SE	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
	MEDIAN	NA	1.531	1.531	NA	0.003	0.003
\$50,000 or more	MIN, MAX	NA, NA	1.531, 1.531	1.531, 1.531	NA, NA	0.003, 0.003	0.003, 0.003
	5%, 95%	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
	BLQ Values Included	NA	0	0	NA	1	1
	N	1	1	2	0	0	0
	MEAN, GEO MEAN	2.123, 2.123	0.470, 0.470	1.297, 0.999	NA, NA	NA, NA	NA, NA
	SD, SE	NA, NA	NA, NA	1.1688, 0.8265	NA, NA	NA, NA	NA, NA
	MEDIAN	2.123	0.470	1.297	NA	NA	NA
	MIN, MAX	2.123, 2.123	0.470, 0.470	0.470, 2.123	NA, NA	NA, NA	NA, NA
	5%, 95%	NA, NA	NA, NA	0.470, 2.123	NA, NA	NA, NA	NA, NA
	BLQ Values Included	0	0	0	NA	NA	NA

TABLE 14.4-11
DESCRIPTIVE STATISTICS OF 24-HOUR URINE BIOMARKERS OF EXPOSURE BY TIMEPOINT FOR DEMOGRAPHIC CHARACTERISTIC: ANNUAL HOUSEHOLD INCOME
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Lab: INBIFO
Biomarker: Total Nicotine (ng/mg Creatinin)
Timepoint: Week 2

Characteristic	Statistic	Smokers			Non-Smokers		
		Male	Female	Overall	Male	Female	Overall
\$19,999 or less	N	1	0	1	1	0	1
	MEAN, GEO MEAN	2.904, 2.904	NA, NA	2.904, 2.904	0.003, 0.003	NA, NA	0.003, 0.003
	SD, SE	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
	MEDIAN	2.904	NA	2.904	0.003	NA	0.003
	MIN, MAX	2.904, 2.904	NA, NA	2.904, 2.904	0.003, 0.003	NA, NA	0.003, 0.003
	5%, 95%	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
	BLQ Values Included	0	NA	0	1	NA	1
\$20,000 to \$39,999	N	1	1	2	0	2	2
	MEAN, GEO MEAN	1.067, 1.067	1.512, 1.512	1.290, 1.270	NA, NA	0.006, 0.005	0.006, 0.005
	SD, SE	NA, NA	NA, NA	0.3147, 0.2225	NA, NA	0.0021, 0.0015	0.0021, 0.0015
	MEDIAN	1.067	1.512	1.290	NA	0.006	0.006
	MIN, MAX	1.067, 1.067	1.512, 1.512	1.067, 1.512	NA, NA	0.004, 0.007	0.004, 0.007
	5%, 95%	NA, NA	NA, NA	1.067, 1.512	NA, NA	0.004, 0.007	0.004, 0.007
	BLQ Values Included	0	0	0	NA	2	2
\$40,000 to \$49,999	N	0	1	1	0	1	1
	MEAN, GEO MEAN	NA, NA	1.778, 1.778	1.778, 1.778	NA, NA	0.007, 0.007	0.007, 0.007
	SD, SE	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
	MEDIAN	NA	1.778	1.778	NA	0.007	0.007
	MIN, MAX	NA, NA	1.778, 1.778	1.778, 1.778	NA, NA	0.007, 0.007	0.007, 0.007
	5%, 95%	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
	BLQ Values Included	NA	0	0	NA	0	0
\$50,000 or more	N	1	1	2	1	0	1
	MEAN, GEO MEAN	1.561, 1.561	0.670, 0.670	1.116, 1.023	0.004, 0.004	NA, NA	0.004, 0.004
	SD, SE	NA, NA	NA, NA	0.6300, 0.4455	NA, NA	NA, NA	NA, NA
	MEDIAN	1.561	0.670	1.116	0.004	NA	0.004
	MIN, MAX	1.561, 1.561	0.670, 0.670	0.670, 1.561	0.004, 0.004	NA, NA	0.004, 0.004
	5%, 95%	NA, NA	NA, NA	0.670, 1.561	NA, NA	NA, NA	NA, NA
	BLQ Values Included	0	0	0	1	NA	1

TABLE 14.4-11
DESCRIPTIVE STATISTICS OF 24-HOUR URINE BIOMARKERS OF EXPOSURE BY TIMEPOINT FOR DEMOGRAPHIC CHARACTERISTIC: ANNUAL HOUSEHOLD INCOME
(Page 196 of ?)

Lab: INBIFO

Biomarker: Total Nicotine (ug/mg Creatinin)

Timepoint: Week 3

Characteristic	Statistic	Smokers			Non-Smokers		
		Male	Female	Overall	Male	Female	Overall
\$19,999 or less	N	1	0	1	2	0	2
	MEAN, GEO MEAN	1.854, 1.854	NA, NA	1.854, 1.854	0.003, 0.002	NA, NA	0.003, 0.002
	SD, SE	NA, NA	NA, NA	NA, NA	0.0007, 0.0005	NA, NA	0.0007, 0.0005
	MEDIAN	1.854	NA	1.854	0.003	NA	0.003
	MIN, MAX	1.854, 1.854	NA, NA	1.854, 1.854	0.002, 0.003	NA, NA	0.002, 0.003
	5%, 95%	NA, NA	NA, NA	NA, NA	0.002, 0.003	NA, NA	0.002, 0.003
	BLQ Values Included	0	NA	0	2	NA	2
\$20,000 to \$39,999	N	1	1	2	0	2	2
	MEAN, GEO MEAN	0.788, 0.788	1.075, 1.075	0.932, 0.920	NA, NA	0.005, 0.004	0.005, 0.004
	SD, SE	NA, NA	NA, NA	0.2029, 0.1435	NA, NA	0.0007, 0.0005	0.0007, 0.0005
	MEDIAN	0.788	1.075	0.932	NA	0.005	0.005
	MIN, MAX	0.788, 0.788	1.075, 1.075	0.788, 1.075	NA, NA	0.004, 0.005	0.004, 0.005
	5%, 95%	NA, NA	NA, NA	0.788, 1.075	NA, NA	0.004, 0.005	0.004, 0.005
	BLQ Values Included	0	0	0	NA	2	2
\$40,000 to \$49,999	N	0	1	1	0	1	1
	MEAN, GEO MEAN	NA, NA	2.170, 2.170	2.170, 2.170	NA, NA	0.002, 0.002	0.002, 0.002
	SD, SE	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
	MEDIAN	NA	2.170	2.170	NA	0.002	0.002
	MIN, MAX	NA, NA	2.170, 2.170	2.170, 2.170	NA, NA	0.002, 0.002	0.002, 0.002
	5%, 95%	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
	BLQ Values Included	NA	0	0	NA	1	1
\$50,000 or more	N	0	1	1	2	0	2
	MEAN, GEO MEAN	NA, NA	0.996, 0.996	0.996, 0.996	0.004, 0.004	NA, NA	0.004, 0.004
	SD, SE	NA, NA	NA, NA	NA, NA	0.0000, 0.0000	NA, NA	0.0000, 0.0000
	MEDIAN	NA	0.996	0.996	0.004	NA	0.004
	MIN, MAX	NA, NA	0.996, 0.996	0.996, 0.996	0.004, 0.004	NA, NA	0.004, 0.004
	5%, 95%	NA, NA	NA, NA	NA, NA	0.004, 0.004	NA, NA	0.004, 0.004
	BLQ Values Included	NA	0	0	2	NA	2

TABLE 14.4-11
DESCRIPTIVE STATISTICS OF 24-HOUR URINE BIOMARKERS OF EXPOSURE BY TIMEPOINT FOR DEMOGRAPHIC CHARACTERISTIC: ANNUAL HOUSEHOLD INCOME
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Lab: INBIO
Biomarker: Total Nicotine (ug/mg Creatinin)
Timepoint: Overall^{*}

Characteristic	Statistic	Smokers			Non-Smokers		
		Male	Female	Overall	Male	Female	Overall
\$19,999 or less	N	1	0	1	2	0	2
	MEAN, GEO MEAN	2.548, 2.548	NA, NA	2.548, 2.548	0.003, 0.002	NA, NA	0.003, 0.002
	SD, SE	NA, NA	NA, NA	NA, NA	0.0007, 0.0005	NA, NA	0.0007, 0.0005
	MEDIAN	2.548	NA	2.548	0.003	NA	0.003
	MIN, MAX	2.548, 2.548	NA, NA	2.548, 2.548	0.002, 0.003	NA, NA	0.002, 0.003
	5%, 95%	NA, NA	NA, NA	NA, NA	0.002, 0.003	NA, NA	0.002, 0.003
\$20,000 to \$39,999	N	1	1	2	0	2	2
	MEAN, GEO MEAN	0.868, 0.868	1.319, 1.319	1.094, 1.070	NA, NA	0.006, 0.005	0.006, 0.005
	SD, SE	NA, NA	NA, NA	0.3189, 0.2255	NA, NA	0.0007, 0.0005	0.0007, 0.0005
	MEDIAN	0.868	1.319	1.094	NA	0.006	0.006
	MIN, MAX	0.868, 0.868	1.319, 1.319	0.868, 1.319	NA, NA	0.005, 0.006	0.005, 0.006
	5%, 95%	NA, NA	NA, NA	0.868, 1.319	NA, NA	0.005, 0.006	0.005, 0.006
\$40,000 to \$49,999	N	0	1	1	0	1	1
	MEAN, GEO MEAN	NA, NA	1.826, 1.826	1.826, 1.826	NA, NA	0.004, 0.004	0.004, 0.004
	SD, SE	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
	MEDIAN	NA	1.826	1.826	NA	0.004	0.004
	MIN, MAX	NA, NA	1.826, 1.826	1.826, 1.826	NA, NA	0.004, 0.004	0.004, 0.004
	5%, 95%	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
\$50,000 or more	N	1	1	2	2	0	2
	MEAN, GEO MEAN	1.842, 1.842	0.712, 0.712	1.277, 1.145	0.004, 0.004	NA, NA	0.004, 0.004
	SD, SE	NA, NA	NA, NA	0.7990, 0.5650	0.0000, 0.0000	NA, NA	0.0000, 0.0000
	MEDIAN	1.842	0.712	1.277	0.004	NA	0.004
	MIN, MAX	1.842, 1.842	0.712, 0.712	0.712, 1.842	0.004, 0.004	NA, NA	0.004, 0.004
	5%, 95%	NA, NA	NA, NA	0.712, 1.842	0.004, 0.004	NA, NA	0.004, 0.004

^{*} Overall values calculated by first averaging the results across visits within a subject, then calculating the descriptive statistics across subjects. Count of BLQ values does not apply as the BLQ values were converted to the upper limit of the BLQ (e.g., '<1.234' will be used as '1.234') for the averages across visits within a subject thus eliminating all BLQ values for the overall statistics.

TABLE 14.4-11
DESCRIPTIVE STATISTICS OF 24-HOUR URINE BIOMARKERS OF EXPOSURE BY TIMEPOINT FOR DEMOGRAPHIC CHARACTERISTIC: ANNUAL HOUSEHOLD INCOME
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Lair: INBIFO
Biomarker: Free Nicotine (nmol/mg Creatin)
Timepoint: Week 1

Characteristic	Statistic	Smokers			Non-Smokers		
		Male	Female	Overall	Male	Female	Overall
\$19,999 or less	N	1	0	1	1	0	1
	MEAN, GEO MEAN	12.677, 12.677	NA, NA	12.677, 12.677	0.004, 0.004	NA, NA	0.004, 0.004
	SD, SE	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
	MEDIAN	12.677	NA	12.677	0.004	NA	0.004
	MIN, MAX	12.677, 12.677	NA, NA	12.677, 12.677	0.004, 0.004	NA, NA	0.004, 0.004
	5%, 95%	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
\$20,000 to \$39,999	BLQ Values Included	0	NA	0	1	NA	1
	N	1	1	2	0	0	0
	MEAN, GEO MEAN	4.163, 4.163	4.646, 4.646	4.405, 4.398	NA, NA	NA, NA	NA, NA
	SD, SE	NA, NA	NA, NA	0.3415, 0.2415	NA, NA	NA, NA	NA, NA
	MEDIAN	4.163	4.646	4.405	NA	NA	NA
	MIN, MAX	4.163, 4.163	4.646, 4.646	4.163, 4.646	NA, NA	NA, NA	NA, NA
\$40,000 to \$49,999	5%, 95%	NA, NA	NA, NA	4.163, 4.646	NA, NA	NA, NA	NA, NA
	BLQ Values Included	0	0	0	NA	NA	NA
	N	0	1	1	0	1	1
	MEAN, GEO MEAN	NA, NA	5.360, 5.360	5.360, 5.360	NA, NA	0.005, 0.005	0.005, 0.005
	SD, SE	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
	MEDIAN	NA	5.360	5.360	NA	0.005	0.005
\$50,000 or more	MIN, MAX	NA, NA	5.360, 5.360	5.360, 5.360	NA, NA	0.005, 0.005	0.005, 0.005
	5%, 95%	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
	BLQ Values Included	NA	0	0	NA	1	1
	N	1	1	2	1	0	1
	MEAN, GEO MEAN	11.224, 11.224	1.717, 1.717	6.471, 4.390	0.005, 0.005	NA, NA	0.005, 0.005
	SD, SE	NA, NA	NA, NA	5.7225, 4.7535	NA, NA	NA, NA	NA, NA
	MEDIAN	11.224	1.717	6.471	0.005	NA	0.005
	MIN, MAX	11.224, 11.224	1.717, 1.717	1.717, 11.224	0.005, 0.005	NA, NA	0.005, 0.005
	5%, 95%	NA, NA	NA, NA	1.717, 11.224	NA, NA	NA, NA	NA, NA
	BLQ Values Included	0	0	0	1	NA	1

TABLE 14.4-11
DESCRIPTIVE STATISTICS OF 24-HOUR URINE BIOMARKERS OF EXPOSURE BY TIMEPOINT FOR DEMOGRAPHIC CHARACTERISTIC: ANNUAL HOUSEHOLD INCOME
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Lab: INBIFO
Biomarker: Free Nicotine (nmol/mg Creatin)
Timepoint: Week 2

Characteristic	Statistic	Smokers			Non-Smokers		
		Male	Female	Overall	Male	Female	Overall
\$19,999 or less	N	1	0	1	0	0	0
	MEAN, GEO MEAN	12.067, 12.067	NA, NA	12.067, 12.067	NA, NA	NA, NA	NA, NA
	SD, SE	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
	MEDIAN	12.067	NA	12.067	NA	NA	NA
	MIN, MAX	12.067, 12.067	NA, NA	12.067, 12.067	NA, NA	NA, NA	NA, NA
	5%, 95%	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
\$20,000 to \$39,999	BLQ Values Included	0	NA	0	NA	NA	NA
	N	1	1	2	0	1	1
	MEAN, GEO MEAN	3.639, 3.639	5.707, 5.707	4.673, 4.557	NA, NA	0.012, 0.012	0.012, 0.012
	SD, SE	NA, NA	NA, NA	1.4623, 1.0340	NA, NA	NA, NA	NA, NA
	MEDIAN	3.639	5.707	4.673	NA	0.012	0.012
	MIN, MAX	3.639, 3.639	5.707, 5.707	3.639, 5.707	NA, NA	0.012, 0.012	0.012, 0.012
\$40,000 to \$49,999	5%, 95%	NA, NA	NA, NA	3.639, 5.707	NA, NA	NA, NA	NA, NA
	BLQ Values Included	0	0	0	NA	1	1
	N	0	1	1	0	1	1
	MEAN, GEO MEAN	NA, NA	7.652, 7.652	7.652, 7.652	NA, NA	0.003, 0.003	0.003, 0.003
	SD, SE	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
	MEDIAN	NA	7.652	7.652	NA	0.003	0.003
\$50,000 or more	MIN, MAX	NA, NA	7.652, 7.652	7.652, 7.652	NA, NA	0.003, 0.003	0.003, 0.003
	5%, 95%	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
	BLQ Values Included	NA	0	0	NA	1	1
	N	1	1	2	0	0	0
	MEAN, GEO MEAN	7.258, 7.258	2.159, 2.159	4.709, 3.959	NA, NA	NA, NA	NA, NA
	SD, SE	NA, NA	NA, NA	3.6055, 2.5495	NA, NA	NA, NA	NA, NA
	MEDIAN	7.258	2.159	4.709	NA	NA	NA
	MIN, MAX	7.258, 7.258	2.159, 2.159	2.159, 7.258	NA, NA	NA, NA	NA, NA
	5%, 95%	NA, NA	NA, NA	2.159, 7.258	NA, NA	NA, NA	NA, NA
	BLQ Values Included	0	0	0	NA	NA	NA

TABLE 14.4-11
DESCRIPTIVE STATISTICS OF 24-HOUR URINE BIOMARKERS OF EXPOSURE BY TIMEPOINT FOR DEMOGRAPHIC CHARACTERISTIC: ANNUAL HOUSEHOLD INCOME
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Lab: INBIFO
Biomarker: Free Nicotine (nmol/mg Creatin)
Timepoint: Week 3

Characteristic	Statistic	Smokers			Non-Smokers		
		Male	Female	Overall	Male	Female	Overall
\$19,999 or less	N	1	0	1	1	0	1
	MEAN, GEO MEAN	6.626, 6.626	NA, NA	6.626, 6.626	0.004, 0.004	NA, NA	0.004, 0.004
	SD, SE	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
	MEDIAN	6.626	NA	6.626	0.004	NA	0.004
	MIN, MAX	6.626, 6.626	NA, NA	6.626, 6.626	0.004, 0.004	NA, NA	0.004, 0.004
	5%, 95%	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
\$20,000 to \$39,999	BLQ Values Included	0	NA	0	1	NA	1
	N	1	1	2	0	1	1
	MEAN, GEO MEAN	3.796, 3.796	3.605, 3.605	3.701, 3.699	NA, NA	0.008, 0.008	0.008, 0.008
	SD, SE	NA, NA	NA, NA	0.1351, 0.0955	NA, NA	NA, NA	NA, NA
	MEDIAN	3.796	3.605	3.701	NA	0.008	0.008
	MIN, MAX	3.796, 3.796	3.605, 3.605	3.605, 3.796	NA, NA	0.008, 0.008	0.008, 0.008
\$40,000 to \$49,999	5%, 95%	NA, NA	NA, NA	3.605, 3.796	NA, NA	NA, NA	NA, NA
	BLQ Values Included	0	0	0	NA	1	1
	N	0	1	1	0	1	1
	MEAN, GEO MEAN	NA, NA	8.447, 8.447	8.447, 8.447	NA, NA	0.003, 0.003	0.003, 0.003
	SD, SE	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
	MEDIAN	NA	8.447	8.447	NA	0.003	0.003
\$50,000 or more	MIN, MAX	NA, NA	8.447, 8.447	8.447, 8.447	NA, NA	0.003, 0.003	0.003, 0.003
	5%, 95%	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
	BLQ Values Included	NA	0	0	NA	1	1
	N	0	1	1	1	0	1
	MEAN, GEO MEAN	NA, NA	4.773, 4.773	4.773, 4.773	0.007, 0.007	NA, NA	0.007, 0.007
	SD, SE	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
	MEDIAN	NA	4.773	4.773	0.007	NA	0.007
	MIN, MAX	NA, NA	4.773, 4.773	4.773, 4.773	0.007, 0.007	NA, NA	0.007, 0.007
	5%, 95%	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
	BLQ Values Included	NA	0	0	1	NA	1

TABLE 14.4-11
DESCRIPTIVE STATISTICS OF 24-HOUR URINE BIOMARKERS OF EXPOSURE BY TIMEPOINT FOR DEMOGRAPHIC CHARACTERISTIC: ANNUAL HOUSEHOLD INCOME
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Lab: INBIFO
Biomarker: Free Nicotine (nmol/mg Creatin)
Timepoint: Overall*

Characteristic	Statistic	Smokers			Non-Smokers		
		Male	Female	Overall	Male	Female	Overall
\$19,999 or less	N	1	0	1	2	0	2
	MEAN, GEO MEAN	10.457, 10.457	NA, NA	10.457, 10.457	0.004, 0.004	NA, NA	0.004, 0.004
	SD, SE	NA, NA	NA, NA	NA, NA	0.0000, 0.0000	NA, NA	0.0000, 0.0000
	MEDIAN	10.457	NA	10.457	0.004	NA	0.004
	MIN, MAX	10.457, 10.457	NA, NA	10.457, 10.457	0.004, 0.004	NA, NA	0.004, 0.004
	5%, 95%	NA, NA	NA, NA	NA, NA	0.004, 0.004	NA, NA	0.004, 0.004
\$20,000 to \$39,999	N	1	1	2	0	2	2
	MEAN, GEO MEAN	3.866, 3.866	4.653, 4.653	4.260, 4.241	NA, NA	0.010, 0.010	0.010, 0.010
	SD, SE	NA, NA	NA, NA	0.5565, 0.3935	NA, NA	0.0028, 0.0020	0.0028, 0.0020
	MEDIAN	3.866	4.653	4.260	NA	0.010	0.010
	MIN, MAX	3.866, 3.866	4.653, 4.653	3.866, 4.653	NA, NA	0.008, 0.012	0.008, 0.012
	5%, 95%	NA, NA	NA, NA	3.866, 4.653	NA, NA	0.008, 0.012	0.008, 0.012
\$40,000 to \$49,999	N	0	1	1	0	1	1
	MEAN, GEO MEAN	NA, NA	7.153, 7.153	7.153, 7.153	NA, NA	0.004, 0.004	0.004, 0.004
	SD, SE	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
	MEDIAN	NA	7.153	7.153	NA	0.004	0.004
	MIN, MAX	NA, NA	7.153, 7.153	7.153, 7.153	NA, NA	0.004, 0.004	0.004, 0.004
	5%, 95%	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
\$50,000 or more	N	1	1	2	1	0	1
	MEAN, GEO MEAN	9.241, 9.241	2.883, 2.883	6.062, 5.162	0.006, 0.006	NA, NA	0.006, 0.006
	SD, SE	NA, NA	NA, NA	4.4958, 3.1790	NA, NA	NA, NA	NA, NA
	MEDIAN	9.241	2.883	6.062	0.006	NA	0.006
	MIN, MAX	9.241, 9.241	2.883, 2.883	2.883, 9.241	0.006, 0.006	NA, NA	0.006, 0.006
	5%, 95%	NA, NA	NA, NA	2.883, 9.241	NA, NA	NA, NA	NA, NA

* Overall values calculated by first averaging the results across visits within a subject, then calculating the descriptive statistics across subjects. Count of BLQ values does not apply as the BLQ values were converted to the upper limit of the BLQ (e.g., '<1.234' will be used as '1.234') for the averages across visits within a subject thus eliminating all BLQ values for the overall statistics.

TABLE 14.4-11
DESCRIPTIVE STATISTICS OF 24-HOUR URINE BIOMARKERS OF EXPOSURE BY TIMEPOINT FOR DEMOGRAPHIC CHARACTERISTIC: ANNUAL HOUSEHOLD INCOME
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Lab: TNBFO
Biomarker: Free Nicotine (ug/mg Creatinin)
Timepoint: Week 1

Characteristic	Statistic	Smokers			Non-Smokers		
		Male	Female	Overall	Male	Female	Overall
\$19,999 or less	N	1	0	1	1	0	1
	MEAN, GEO MEAN	2.056, 2.056	NA, NA	2.056, 2.056	0.001, 0.001	NA, NA	0.001, 0.001
	SD, SE	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
	MEDIAN	2.056	NA	2.056	0.001	NA	0.001
	MIN, MAX	2.056, 2.056	NA, NA	2.056, 2.056	0.001, 0.001	NA, NA	0.001, 0.001
	5%, 95%	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
	BLQ Values Included	0	NA	0	1	NA	1
\$20,000 to \$39,999	N	1	1	2	0	0	0
	MEAN, GEO MEAN	0.675, 0.675	0.754, 0.754	0.715, 0.713	NA, NA	NA, NA	NA, NA
	SD, SE	NA, NA	NA, NA	0.0559, 0.0395	NA, NA	NA, NA	NA, NA
	MEDIAN	0.675	0.754	0.715	NA	NA	NA
	MIN, MAX	0.675, 0.675	0.754, 0.754	0.675, 0.754	NA, NA	NA, NA	NA, NA
	5%, 95%	NA, NA	NA, NA	0.675, 0.754	NA, NA	NA, NA	NA, NA
	BLQ Values Included	0	0	0	NA	NA	NA
\$40,000 to \$49,999	N	0	1	1	0	1	1
	MEAN, GEO MEAN	NA, NA	0.869, 0.869	0.869, 0.869	NA, NA	0.001, 0.001	0.001, 0.001
	SD, SE	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
	MEDIAN	NA	0.869	0.869	NA	0.001	0.001
	MIN, MAX	NA, NA	0.869, 0.869	0.869, 0.869	NA, NA	0.001, 0.001	0.001, 0.001
	5%, 95%	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
	BLQ Values Included	NA	0	0	NA	1	1
\$50,000 or more	N	1	1	2	1	0	1
	MEAN, GEO MEAN	1.821, 1.821	0.278, 0.278	1.050, 0.712	0.001, 0.001	NA, NA	0.001, 0.001
	SD, SE	NA, NA	NA, NA	1.0911, 0.7715	NA, NA	NA, NA	NA, NA
	MEDIAN	1.821	0.278	1.050	0.001	NA	0.001
	MIN, MAX	1.821, 1.821	0.278, 0.278	0.278, 1.821	0.001, 0.001	NA, NA	0.001, 0.001
	5%, 95%	NA, NA	NA, NA	0.278, 1.821	NA, NA	NA, NA	NA, NA
	BLQ Values Included	0	0	0	1	NA	1

TABLE 14.4-11
DESCRIPTIVE STATISTICS OF 24-HOUR URINE BIOMARKERS OF EXPOSURE BY TIMEPOINT FOR DEMOGRAPHIC CHARACTERISTIC: ANNUAL HOUSEHOLD INCOME
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Lab: INBIFO
Biomarker: Free Nicotine (ug/mg Creatinin)
Timepoint: Week 2

Characteristic	Statistic	Smokers			Non-Smokers		
		Male	Female	Overall	Male	Female	Overall
\$19,999 or less	N	1	0	1	0	0	0
	MEAN, GEO MEAN	1.957, 1.957	NA, NA	1.957, 1.957	NA, NA	NA, NA	NA, NA
	SD, SE	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
	MEDIAN	1.957	NA	1.957	NA	NA	NA
	MIN, MAX	1.957, 1.957	NA, NA	1.957, 1.957	NA, NA	NA, NA	NA, NA
	5%, 95%	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
	BLQ Values Included	0	NA	0	NA	NA	NA
\$20,000 to \$39,999	N	1	1	2	0	1	1
	MEAN, GEO MEAN	0.590, 0.590	0.926, 0.926	0.758, 0.739	NA, NA	0.002, 0.002	0.002, 0.002
	SD, SE	NA, NA	NA, NA	0.2376, 0.1680	NA, NA	NA, NA	NA, NA
	MEDIAN	0.590	0.926	0.758	NA	0.002	0.002
	MIN, MAX	0.590, 0.590	0.926, 0.926	0.590, 0.926	NA, NA	0.002, 0.002	0.002, 0.002
	5%, 95%	NA, NA	NA, NA	0.590, 0.926	NA, NA	NA, NA	NA, NA
	BLQ Values Included	0	0	0	NA	1	1
\$40,000 to \$49,999	N	0	1	1	0	1	1
	MEAN, GEO MEAN	NA, NA	1.241, 1.241	1.241, 1.241	NA, NA	0.000, NA	0.000, NA
	SD, SE	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
	MEDIAN	NA	1.241	1.241	NA	0.000	0.000
	MIN, MAX	NA, NA	1.241, 1.241	1.241, 1.241	NA, NA	0.000, 0.000	0.000, 0.000
	5%, 95%	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
	BLQ Values Included	NA	0	0	NA	1	1
\$50,000 or more	N	1	1	2	0	0	0
	MEAN, GEO MEAN	1.177, 1.177	0.350, 0.350	0.764, 0.642	NA, NA	NA, NA	NA, NA
	SD, SE	NA, NA	NA, NA	0.5848, 0.4135	NA, NA	NA, NA	NA, NA
	MEDIAN	1.177	0.350	0.764	NA	NA	NA
	MIN, MAX	1.177, 1.177	0.350, 0.350	0.350, 1.177	NA, NA	NA, NA	NA, NA
	5%, 95%	NA, NA	NA, NA	0.350, 1.177	NA, NA	NA, NA	NA, NA
	BLQ Values Included	0	0	0	NA	NA	NA

TABLE 14.4-11
DESCRIPTIVE STATISTICS OF 24-HOUR URINE BIOMARKERS OF EXPOSURE BY TIMEPOINT FOR DEMOGRAPHIC CHARACTERISTIC: ANNUAL HOUSEHOLD INCOME
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Lab: INBIFO
Biomarker: Free Nicotine (ug/mg Creatinin)
Timepoint: Week 3

Characteristic	Statistic	Smokers			Non-Smokers		
		Male	Female	Overall	Male	Female	Overall
\$19,999 or less	N	1	0	1	1	0	1
	MEAN, GEO MEAN	1.075, 1.075	NA, NA	1.075, 1.075	0.001, 0.001	NA, NA	0.001, 0.001
	SD, SE	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
	MEDIAN	1.075	NA	1.075	0.001	NA	0.001
	MIN, MAX	1.075, 1.075	NA, NA	1.075, 1.075	0.001, 0.001	NA, NA	0.001, 0.001
	5%, 95%	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
	BLQ Values Included	0	NA	0	1	NA	1
\$20,000 to \$39,999	N	1	1	2	0	1	1
	MEAN, GEO MEAN	0.616, 0.616	0.585, 0.585	0.601, 0.600	NA, NA	0.001, 0.001	0.001, 0.001
	SD, SE	NA, NA	NA, NA	0.0219, 0.0155	NA, NA	NA, NA	NA, NA
	MEDIAN	0.616	0.585	0.601	NA	0.001	0.001
	MIN, MAX	0.616, 0.616	0.585, 0.585	0.585, 0.616	NA, NA	0.001, 0.001	0.001, 0.001
	5%, 95%	NA, NA	NA, NA	0.585, 0.616	NA, NA	NA, NA	NA, NA
	BLQ Values Included	0	0	0	NA	1	1
\$40,000 to \$49,999	N	0	1	1	0	1	1
	MEAN, GEO MEAN	NA, NA	1.370, 1.370	1.370, 1.370	NA, NA	0.000, NA	0.000, NA
	SD, SE	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
	MEDIAN	NA	1.370	1.370	NA	0.000	0.000
	MIN, MAX	NA, NA	1.370, 1.370	1.370, 1.370	NA, NA	0.000, 0.000	0.000, 0.000
	5%, 95%	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
	BLQ Values Included	NA	0	0	NA	1	1
\$50,000 or more	N	0	1	1	1	0	1
	MEAN, GEO MEAN	NA, NA	0.774, 0.774	0.774, 0.774	0.001, 0.001	NA, NA	0.001, 0.001
	SD, SE	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
	MEDIAN	NA	0.774	0.774	0.001	NA	0.001
	MIN, MAX	NA, NA	0.774, 0.774	0.774, 0.774	0.001, 0.001	NA, NA	0.001, 0.001
	5%, 95%	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
	BLQ Values Included	NA	0	0	1	NA	1

TABLE 14.4-11
DESCRIPTIVE STATISTICS OF 24-HOUR URINE BIOMARKERS OF EXPOSURE BY TIMEPOINT FOR DEMOGRAPHIC CHARACTERISTIC: ANNUAL HOUSEHOLD INCOME
(Page 205 of 7)

Lab: INBIFO
Biomarker: Free Nicotine (ng/mg Creatinin)
Timepoint: Overall^a

Characteristic	Statistic	Smokers			Non-Smokers		
		Male	Female	Overall	Male	Female	Overall
\$19,999 or less	N	1	0	1	2	0	2
	MEAN, GEO MEAN	1.696, 1.696	NA, NA	1.696, 1.696	0.001, 0.001	NA, NA	0.001, 0.001
	SD, SE	NA, NA	NA, NA	NA, NA	0.0000, 0.0000	NA, NA	0.0000, 0.0000
	MEDIAN	1.696	NA	1.696	0.001	NA	0.001
	MIN, MAX	1.696, 1.696	NA, NA	1.696, 1.696	0.001, 0.001	NA, NA	0.001, 0.001
	5%, 95%	NA, NA	NA, NA	NA, NA	0.001, 0.001	NA, NA	0.001, 0.001
\$20,000 to \$39,999	N	1	1	2	0	2	2
	MEAN, GEO MEAN	0.627, 0.627	0.755, 0.755	0.691, 0.688	NA, NA	0.002, 0.001	0.002, 0.001
	SD, SE	NA, NA	NA, NA	0.0905, 0.0640	NA, NA	0.0007, 0.0005	0.0007, 0.0005
	MEDIAN	0.627	0.755	0.691	NA	0.002	0.002
	MIN, MAX	0.627, 0.627	0.755, 0.755	0.627, 0.755	NA, NA	0.001, 0.002	0.001, 0.002
	5%, 95%	NA, NA	NA, NA	0.627, 0.755	NA, NA	0.001, 0.002	0.001, 0.002
\$40,000 to \$49,999	N	0	1	1	0	1	1
	MEAN, GEO MEAN	NA, NA	1.160, 1.160	1.160, 1.160	NA, NA	0.000, NA	0.000, NA
	SD, SE	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
	MEDIAN	NA	1.160	1.160	NA	0.000	0.000
	MIN, MAX	NA, NA	1.160, 1.160	1.160, 1.160	NA, NA	0.000, 0.000	0.000, 0.000
	5%, 95%	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
\$50,000 or more	N	1	1	2	1	0	1
	MEAN, GEO MEAN	1.499, 1.499	0.467, 0.467	0.983, 0.837	0.001, 0.001	NA, NA	0.001, 0.001
	SD, SE	NA, NA	NA, NA	0.7297, 0.5160	NA, NA	NA, NA	NA, NA
	MEDIAN	1.499	0.467	0.983	0.001	NA	0.001
	MIN, MAX	1.499, 1.499	0.467, 0.467	0.467, 1.499	0.001, 0.001	NA, NA	0.001, 0.001
	5%, 95%	NA, NA	NA, NA	0.467, 1.499	NA, NA	NA, NA	NA, NA

^a Overall values calculated by first averaging the results across visits within a subject, then calculating the descriptive statistics across subjects. Count of BLQ values does not apply as the BLQ values were converted to the upper limit of the BLQ (e.g., '<1.234' will be used as '1.234') for the averages across visits within a subject thus eliminating all BLQ values for the overall statistics.

TABLE 14.4-11
DESCRIPTIVE STATISTICS OF 24-HOUR URINE BIOMARKERS OF EXPOSURE BY TIMEPOINT FOR DEMOGRAPHIC CHARACTERISTIC: ANNUAL HOUSEHOLD INCOME
(Page 206 of ?)

Lab: INBIFO
Biomarker: Total Cotinine (nmol/mg Creatin)
Timepoint: Week 1

Characteristic	Statistic	Smokers			Non-Smokers		
		Male	Female	Overall	Male	Female	Overall
\$19,999 or less	N	1	0	1	2	0	2
	MEAN, GEO MEAN	24.332, 24.332	NA, NA	24.332, 24.332	0.010, 0.009	NA, NA	0.010, 0.009
	SD, SE	NA, NA	NA, NA	NA, NA	0.0049, 0.0035	NA, NA	0.0049, 0.0035
	MEDIAN	24.332	NA	24.332	0.010	NA	0.010
	MIN, MAX	24.332, 24.332	NA, NA	24.332, 24.332	0.006, 0.013	NA, NA	0.006, 0.013
	5%, 95%	NA, NA	NA, NA	NA, NA	0.006, 0.013	NA, NA	0.006, 0.013
\$20,000 to \$39,999	BLQ Values Included	0	NA	0	2	NA	2
	N	1	1	2	0	1	1
	MEAN, GEO MEAN	3.209, 3.209	24.408, 24.408	13.809, 8.850	NA, NA	0.034, 0.034	0.034, 0.034
	SD, SE	NA, NA	NA, NA	14.9900, 10.5995	NA, NA	NA, NA	NA, NA
	MEDIAN	3.209	24.408	13.809	NA	0.034	0.034
	MIN, MAX	3.209, 3.209	24.408, 24.408	3.209, 24.408	NA, NA	0.034, 0.034	0.034, 0.034
\$40,000 to \$49,999	5%, 95%	NA, NA	NA, NA	3.209, 24.408	NA, NA	NA, NA	NA, NA
	BLQ Values Included	0	0	0	NA	1	1
	N	0	1	1	0	1	1
	MEAN, GEO MEAN	NA, NA	22.634, 22.634	22.634, 22.634	NA, NA	0.017, 0.017	0.017, 0.017
	SD, SE	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
	MEDIAN	NA	22.634	22.634	NA	0.017	0.017
\$50,000 or more	MIN, MAX	NA, NA	22.634, 22.634	22.634, 22.634	NA, NA	0.017, 0.017	0.017, 0.017
	5%, 95%	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
	BLQ Values Included	NA	0	0	NA	1	1
	N	1	1	2	2	0	2
	MEAN, GEO MEAN	12.992, 12.992	8.022, 8.022	10.507, 10.209	0.013, 0.012	NA, NA	0.013, 0.012
	SD, SE	NA, NA	NA, NA	3.5143, 2.4850	0.0057, 0.0040	NA, NA	0.0057, 0.0040
	MEDIAN	12.992	8.022	10.507	0.013	NA	0.013
	MIN, MAX	12.992, 12.992	8.022, 8.022	8.022, 12.992	0.009, 0.017	NA, NA	0.009, 0.017
	5%, 95%	NA, NA	NA, NA	8.022, 12.992	0.009, 0.017	NA, NA	0.009, 0.017
	BLQ Values Included	0	0	0	2	NA	2

TABLE 14.4-11
DESCRIPTIVE STATISTICS OF 24-HOUR URINE BIOMARKERS OF EXPOSURE BY TIMEPOINT FOR DEMOGRAPHIC CHARACTERISTIC: ANNUAL HOUSEHOLD INCOME
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Lab: INBFO
Biomarker: Total Cotinine (nmol/mg Creatin)
Timepoint: Week 2

Characteristic	Statistic	Smokers			Non-Smokers		
		Male	Female	Overall	Male	Female	Overall
\$19,999 or less	N	1	0	1	2	0	2
	MEAN, GEO MEAN	25.873, 25.873	NA, NA	25.873, 25.873	0.011, 0.010	NA, NA	0.011, 0.010
	SD, SE	NA, NA	NA, NA	NA, NA	0.0049, 0.0035	NA, NA	0.0049, 0.0035
	MEDIAN	25.873	NA	25.873	0.011	NA	0.011
	MIN, MAX	25.873, 25.873	NA, NA	25.873, 25.873	0.007, 0.014	NA, NA	0.007, 0.014
	5%, 95%	NA, NA	NA, NA	NA, NA	0.007, 0.014	NA, NA	0.007, 0.014
	BLQ Values Included	0	NA	0	2	NA	2
\$20,000 to \$39,999	N	1	1	2	0	2	2
	MEAN, GEO MEAN	7.201, 7.201	27.449, 27.449	17.325, 14.059	NA, NA	0.031, 0.030	0.031, 0.030
	SD, SE	NA, NA	NA, NA	14.3175, 10.1240	NA, NA	0.0106, 0.0075	0.0106, 0.0075
	MEDIAN	7.201	27.449	17.325	NA	0.031	0.031
	MIN, MAX	7.201, 7.201	27.449, 27.449	7.201, 27.449	NA, NA	0.023, 0.038	0.023, 0.038
	5%, 95%	NA, NA	NA, NA	7.201, 27.449	NA, NA	0.023, 0.038	0.023, 0.038
	BLQ Values Included	0	0	0	NA	2	2
\$40,000 to \$49,999	N	0	1	1	0	1	1
	MEAN, GEO MEAN	NA, NA	18.349, 18.349	18.349, 18.349	NA, NA	0.009, 0.009	0.009, 0.009
	SD, SE	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
	MEDIAN	NA	18.349	18.349	NA	0.009	0.009
	MIN, MAX	NA, NA	18.349, 18.349	18.349, 18.349	NA, NA	0.009, 0.009	0.009, 0.009
	5%, 95%	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
	BLQ Values Included	NA	0	0	NA	1	1
\$50,000 or more	N	1	1	2	2	0	2
	MEAN, GEO MEAN	15.174, 15.174	10.195, 10.195	12.685, 12.438	0.018, 0.017	NA, NA	0.018, 0.017
	SD, SE	NA, NA	NA, NA	3.5207, 2.4895	0.0071, 0.0050	NA, NA	0.0071, 0.0050
	MEDIAN	15.174	10.195	12.685	0.018	NA	0.018
	MIN, MAX	15.174, 15.174	10.195, 10.195	10.195, 15.174	0.013, 0.023	NA, NA	0.013, 0.023
	5%, 95%	NA, NA	NA, NA	10.195, 15.174	0.013, 0.023	NA, NA	0.013, 0.023
	BLQ Values Included	0	0	0	2	NA	2

TABLE 14.4-11
DESCRIPTIVE STATISTICS OF 24-HOUR URINE BIOMARKERS OF EXPOSURE BY TIMEPOINT FOR DEMOGRAPHIC CHARACTERISTIC: ANNUAL HOUSEHOLD INCOME
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Lab: INBIFO
Biomarker: Total Cotinine (nmol/mg Creatin)
Timepoint: Week 3

Characteristic	Statistic	Smokers			Non-Smokers		
		Male	Female	Overall	Male	Female	Overall
\$19,999 or less	N	1	0	1	2	0	2
	MEAN, GEO MEAN	25.375, 25.375	NA, NA	25.375, 25.375	0.014, 0.013	NA, NA	0.014, 0.013
	SD, SE	NA, NA	NA, NA	NA, NA	0.0007, 0.0005	NA, NA	0.0007, 0.0005
	MEDIAN	25.375	NA	25.375	0.014	NA	0.014
	MIN, MAX	25.375, 25.375	NA, NA	25.375, 25.375	0.013, 0.014	NA, NA	0.013, 0.014
	5%, 95%	NA, NA	NA, NA	NA, NA	0.013, 0.014	NA, NA	0.013, 0.014
	BLQ Values Included	0	NA	0	2	NA	2
\$20,000 to \$39,999	N	1	1	2	0	2	2
	MEAN, GEO MEAN	4.351, 4.351	19.648, 19.648	12.000, 9.246	NA, NA	0.022, 0.022	0.022, 0.022
	SD, SE	NA, NA	NA, NA	10.8166, 7.6485	NA, NA	0.0014, 0.0010	0.0014, 0.0010
	MEDIAN	4.351	19.648	12.000	NA	0.022	0.022
	MIN, MAX	4.351, 4.351	19.648, 19.648	4.351, 19.648	NA, NA	0.021, 0.023	0.021, 0.023
	5%, 95%	NA, NA	NA, NA	4.351, 19.648	NA, NA	0.021, 0.023	0.021, 0.023
	BLQ Values Included	0	0	0	NA	2	2
\$40,000 to \$49,999	N	0	1	1	0	1	1
	MEAN, GEO MEAN	NA, NA	24.540, 24.540	24.540, 24.540	NA, NA	0.011, 0.011	0.011, 0.011
	SD, SE	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
	MEDIAN	NA	24.540	24.540	NA	0.011	0.011
	MIN, MAX	NA, NA	24.540, 24.540	24.540, 24.540	NA, NA	0.011, 0.011	0.011, 0.011
	5%, 95%	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
	BLQ Values Included	NA	0	0	NA	1	1
\$50,000 or more	N	0	1	1	2	0	2
	MEAN, GEO MEAN	NA, NA	7.949, 7.949	7.949, 7.949	0.022, 0.022	NA, NA	0.022, 0.022
	SD, SE	NA, NA	NA, NA	NA, NA	0.0014, 0.0010	NA, NA	0.0014, 0.0010
	MEDIAN	NA	7.949	7.949	0.022	NA	0.022
	MIN, MAX	NA, NA	7.949, 7.949	7.949, 7.949	0.021, 0.023	NA, NA	0.021, 0.023
	5%, 95%	NA, NA	NA, NA	NA, NA	0.021, 0.023	NA, NA	0.021, 0.023
	BLQ Values Included	NA	0	0	2	NA	2

TABLE 14.4-11
DESCRIPTIVE STATISTICS OF 24-HOUR URINE BIOMARKERS OF EXPOSURE BY TIMEPOINT FOR DEMOGRAPHIC CHARACTERISTIC: ANNUAL HOUSEHOLD INCOME
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Lab: INBIFO
Biomarker: Total Cotinine (nmol/mg Creatin)
Timepoint: Overall^a

Characteristic	Statistic	Smokers			Non-Smokers		
		Male	Female	Overall	Male	Female	Overall
\$19,999 or less	N	1	0	1	2	0	2
	MEAN, GEO MEAN	25.193, 25.193	NA, NA	25.193, 25.193	0.012, 0.011	NA, NA	0.012, 0.011
	SD, SE	NA, NA	NA, NA	NA, NA	0.0035, 0.0025	NA, NA	0.0035, 0.0025
	MEDIAN	25.193	NA	25.193	0.012	NA	0.012
	MIN, MAX	25.193, 25.193	NA, NA	25.193, 25.193	0.009, 0.014	NA, NA	0.009, 0.014
	5%, 95%	NA, NA	NA, NA	NA, NA	0.009, 0.014	NA, NA	0.009, 0.014
\$20,000 to \$39,999	N	1	1	2	0	3	3
	MEAN, GEO MEAN	4.920, 4.920	23.835, 23.835	14.378, 10.829	NA, NA	0.027, 0.027	0.027, 0.027
	SD, SE	NA, NA	NA, NA	13.3749, 9.4575	NA, NA	0.0038, 0.0022	0.0038, 0.0022
	MEDIAN	4.920	23.835	14.378	NA	0.029	0.029
	MIN, MAX	4.920, 4.920	23.835, 23.835	4.920, 23.835	NA, NA	0.023, 0.030	0.023, 0.030
	5%, 95%	NA, NA	NA, NA	4.920, 23.835	NA, NA	0.023, 0.030	0.023, 0.030
\$40,000 to \$49,999	N	0	1	1	0	1	1
	MEAN, GEO MEAN	NA, NA	21.841, 21.841	21.841, 21.841	NA, NA	0.012, 0.012	0.012, 0.012
	SD, SE	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
	MEDIAN	NA	21.841	21.841	NA	0.012	0.012
	MIN, MAX	NA, NA	21.841, 21.841	21.841, 21.841	NA, NA	0.012, 0.012	0.012, 0.012
	5%, 95%	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
\$50,000 or more	N	1	1	2	2	0	2
	MEAN, GEO MEAN	14.083, 14.083	8.722, 8.722	11.403, 11.083	0.018, 0.018	NA, NA	0.018, 0.018
	SD, SE	NA, NA	NA, NA	3.7908, 2.6805	0.0000, 0.0000	NA, NA	0.0000, 0.0000
	MEDIAN	14.083	8.722	11.403	0.018	NA	0.018
	MIN, MAX	14.083, 14.083	8.722, 8.722	8.722, 14.083	0.018, 0.018	NA, NA	0.018, 0.018
	5%, 95%	NA, NA	NA, NA	8.722, 14.083	0.018, 0.018	NA, NA	0.018, 0.018

^a Overall values calculated by first averaging the results across visits within a subject, then calculating the descriptive statistics across subjects. Count of BLQ values does not apply as the BLQ values were converted to the upper limit of the BLQ (e.g., '<1.234' will be used as '1.234' for the averages across visits within a subject thus eliminating all BLQ values for the overall statistics.

TABLE 14.4-11
DESCRIPTIVE STATISTICS OF 24-HOUR URINE BIOMARKERS OF EXPOSURE BY TIMEPOINT FOR DEMOGRAPHIC CHARACTERISTIC: ANNUAL HOUSEHOLD INCOME
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Lab: INBIFO
Biomarker: Total Cotinine (ug/mg Creatinin)
Timepoint: Week 1

Characteristic	Statistic	Smokers			Non-Smokers		
		Male	Female	Overall	Male	Female	Overall
\$19,999 or less	N	1	0	1	2	0	2
	MEAN, GEO MEAN	4.287, 4.287	NA, NA	4.287, 4.287	0.002, 0.001	NA, NA	0.002, 0.001
	SD, SE	NA, NA	NA, NA	NA, NA	0.0007, 0.0005	NA, NA	0.0007, 0.0005
	MEDIAN	4.287	NA	4.287	0.002	NA	0.002
	MIN, MAX	4.287, 4.287	NA, NA	4.287, 4.287	0.001, 0.002	NA, NA	0.001, 0.002
	5%, 95%	NA, NA	NA, NA	NA, NA	0.001, 0.002	NA, NA	0.001, 0.002
	BLQ Values Included	0	NA	0	2	NA	2
\$20,000 to \$39,999	N	1	1	2	0	1	1
	MEAN, GEO MEAN	0.565, 0.565	4.301, 4.301	2.433, 1.559	NA, NA	0.006, 0.006	0.006, 0.006
	SD, SE	NA, NA	NA, NA	2.6418, 1.8680	NA, NA	NA, NA	NA, NA
	MEDIAN	0.565	4.301	2.433	NA	0.006	0.006
	MIN, MAX	0.565, 0.565	4.301, 4.301	0.565, 4.301	NA, NA	0.006, 0.006	0.006, 0.006
	5%, 95%	NA, NA	NA, NA	0.565, 4.301	NA, NA	NA, NA	NA, NA
	BLQ Values Included	0	0	0	NA	1	1
\$40,000 to \$49,999	N	0	1	1	0	1	1
	MEAN, GEO MEAN	NA, NA	3.988, 3.988	3.988, 3.988	NA, NA	0.003, 0.003	0.003, 0.003
	SD, SE	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
	MEDIAN	NA	3.988	3.988	NA	0.003	0.003
	MIN, MAX	NA, NA	3.988, 3.988	3.988, 3.988	NA, NA	0.003, 0.003	0.003, 0.003
	5%, 95%	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
	BLQ Values Included	NA	0	0	NA	1	1
\$50,000 or more	N	1	1	2	2	0	2
	MEAN, GEO MEAN	2.289, 2.289	1.413, 1.413	1.851, 1.798	0.003, 0.002	NA, NA	0.003, 0.002
	SD, SE	NA, NA	NA, NA	0.6194, 0.4380	0.0007, 0.0005	NA, NA	0.0007, 0.0005
	MEDIAN	2.289	1.413	1.851	0.003	NA	0.003
	MIN, MAX	2.289, 2.289	1.413, 1.413	1.413, 2.289	0.002, 0.003	NA, NA	0.002, 0.003
	5%, 95%	NA, NA	NA, NA	1.413, 2.289	0.002, 0.003	NA, NA	0.002, 0.003
	BLQ Values Included	0	0	0	2	NA	2

TABLE 14.4-11
DESCRIPTIVE STATISTICS OF 24-HOUR URINE BIOMARKERS OF EXPOSURE BY TIMEPOINT FOR DEMOGRAPHIC CHARACTERISTIC: ANNUAL HOUSEHOLD INCOME
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Lab: INBIFO
Biomarker: Total Cotinine (ug/mg Creatinin)
Timepoint: Week 2

Characteristic	Statistic	Smokers			Non-Smokers		
		Male	Female	Overall	Male	Female	Overall
\$19,999 or less	N	1	0	1	2	0	2
	MEAN, GEO MEAN	4.559, 4.559	NA, NA	4.559, 4.559	0.002, 0.001	NA, NA	0.002, 0.001
	SD, SE	NA, NA	NA, NA	NA, NA	0.0007, 0.0005	NA, NA	0.0007, 0.0005
	MEDIAN	4.559	NA	4.559	0.002	NA	0.002
	MIN, MAX	4.559, 4.559	NA, NA	4.559, 4.559	0.001, 0.002	NA, NA	0.001, 0.002
	5%, 95%	NA, NA	NA, NA	NA, NA	0.001, 0.002	NA, NA	0.001, 0.002
	BLQ Values Included	0	NA	0	2	NA	2
\$20,000 to \$39,999	N	1	1	2	0	2	2
	MEAN, GEO MEAN	1.269, 1.269	4.837, 4.837	3.053, 2.478	NA, NA	0.006, 0.005	0.006, 0.005
	SD, SE	NA, NA	NA, NA	2.5230, 1.7840	NA, NA	0.0021, 0.0015	0.0021, 0.0015
	MEDIAN	1.269	4.837	3.053	NA	0.006	0.006
	MIN, MAX	1.269, 1.269	4.837, 4.837	1.269, 4.837	NA, NA	0.004, 0.007	0.004, 0.007
	5%, 95%	NA, NA	NA, NA	1.269, 4.837	NA, NA	0.004, 0.007	0.004, 0.007
	BLQ Values Included	0	0	0	NA	2	2
\$40,000 to \$49,999	N	0	1	1	0	1	1
	MEAN, GEO MEAN	NA, NA	3.233, 3.233	3.233, 3.233	NA, NA	0.002, 0.002	0.002, 0.002
	SD, SE	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
	MEDIAN	NA	3.233	3.233	NA	0.002	0.002
	MIN, MAX	NA, NA	3.233, 3.233	3.233, 3.233	NA, NA	0.002, 0.002	0.002, 0.002
	5%, 95%	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
	BLQ Values Included	NA	0	0	NA	1	1
\$50,000 or more	N	1	1	2	2	0	2
	MEAN, GEO MEAN	2.674, 2.674	1.796, 1.796	2.235, 2.191	0.003, 0.003	NA, NA	0.003, 0.003
	SD, SE	NA, NA	NA, NA	0.6208, 0.4390	0.0014, 0.0010	NA, NA	0.0014, 0.0010
	MEDIAN	2.674	1.796	2.235	0.003	NA	0.003
	MIN, MAX	2.674, 2.674	1.796, 1.796	1.796, 2.674	0.002, 0.004	NA, NA	0.002, 0.004
	5%, 95%	NA, NA	NA, NA	1.796, 2.674	0.002, 0.004	NA, NA	0.002, 0.004
	BLQ Values Included	0	0	0	2	NA	2

TABLE 14.4-11
DESCRIPTIVE STATISTICS OF 24-HOUR URINE BIOMARKERS OF EXPOSURE BY TIMEPOINT FOR DEMOGRAPHIC CHARACTERISTIC: ANNUAL HOUSEHOLD INCOME
(Page 212 of ?)

Lab: INBIFO
Biomarker: Total Cotinine (ug/mg Creatinin)
Timepoint: Week 3

Characteristic	Statistic	Smokers			Non-Smokers		
		Male	Female	Overall	Male	Female	Overall
\$19,999 or less	N	1	0	1	2	0	2
	MEAN, GEO MEAN	4.471, 4.471	NA, NA	4.471, 4.471	0.002, 0.002	NA, NA	0.002, 0.002
	SD, SE	NA, NA	NA, NA	NA, NA	0.0000, 0.0000	NA, NA	0.0000, 0.0000
	MEDIAN	4.471	NA	4.471	0.002	NA	0.002
	MIN, MAX	4.471, 4.471	NA, NA	4.471, 4.471	0.002, 0.002	NA, NA	0.002, 0.002
	5%, 95%	NA, NA	NA, NA	NA, NA	0.002, 0.002	NA, NA	0.002, 0.002
\$20,000 to \$39,999	BLQ Values Included	0	NA	0	2	NA	2
	N	1	1	2	0	2	2
	MEAN, GEO MEAN	0.767, 0.767	3.462, 3.462	2.115, 1.630	NA, NA	0.004, 0.004	0.004, 0.004
	SD, SE	NA, NA	NA, NA	1.9057, 1.3475	NA, NA	0.0000, 0.0000	0.0000, 0.0000
	MEDIAN	0.767	3.462	2.115	NA	0.004	0.004
	MIN, MAX	0.767, 0.767	3.462, 3.462	0.767, 3.462	NA, NA	0.004, 0.004	0.004, 0.004
\$40,000 to \$49,999	5%, 95%	NA, NA	NA, NA	0.767, 3.462	NA, NA	0.004, 0.004	0.004, 0.004
	BLQ Values Included	0	0	0	NA	2	2
	N	0	1	1	0	1	1
	MEAN, GEO MEAN	NA, NA	4.324, 4.324	4.324, 4.324	NA, NA	0.002, 0.002	0.002, 0.002
	SD, SE	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
	MEDIAN	NA	4.324	4.324	NA	0.002	0.002
\$50,000 or more	MIN, MAX	NA, NA	4.324, 4.324	4.324, 4.324	NA, NA	0.002, 0.002	0.002, 0.002
	5%, 95%	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
	BLQ Values Included	NA	0	0	NA	1	1
	N	0	1	1	2	0	2
	MEAN, GEO MEAN	NA, NA	1.401, 1.401	1.401, 1.401	0.004, 0.004	NA, NA	0.004, 0.004
	SD, SE	NA, NA	NA, NA	NA, NA	0.0000, 0.0000	NA, NA	0.0000, 0.0000
	MEDIAN	NA	1.401	1.401	0.004	NA	0.004
	MIN, MAX	NA, NA	1.401, 1.401	1.401, 1.401	0.004, 0.004	NA, NA	0.004, 0.004
	5%, 95%	NA, NA	NA, NA	NA, NA	0.004, 0.004	NA, NA	0.004, 0.004
	BLQ Values Included	NA	0	0	2	NA	2
	N	0	1	1	2	0	2
	MEAN, GEO MEAN	NA, NA	1.401, 1.401	1.401, 1.401	0.004, 0.004	NA, NA	0.004, 0.004
	SD, SE	NA, NA	NA, NA	NA, NA	0.0000, 0.0000	NA, NA	0.0000, 0.0000
	MEDIAN	NA	1.401	1.401	0.004	NA	0.004
	MIN, MAX	NA, NA	1.401, 1.401	1.401, 1.401	0.004, 0.004	NA, NA	0.004, 0.004
	5%, 95%	NA, NA	NA, NA	NA, NA	0.004, 0.004	NA, NA	0.004, 0.004
	BLQ Values Included	NA	0	0	2	NA	2

TABLE 14.4-11
DESCRIPTIVE STATISTICS OF 24-HOUR URINE BIOMARKERS OF EXPOSURE BY TIMEPOINT FOR DEMOGRAPHIC CHARACTERISTIC: ANNUAL HOUSEHOLD INCOME
(Page 213 of 7)

Lab: INBIFO
Biomarker: Total Cotinine (ng/mg Creatinin)
Timepoint: Overall^{*}

Characteristic	Statistic	Smokers			Non-Smokers		
		Male	Female	Overall	Male	Female	Overall
\$19,999 or less	N	1	0	1	2	0	2
	MEAN, GEO MEAN	4.439, 4.439	NA, NA	4.439, 4.439	0.002, 0.001	NA, NA	0.002, 0.001
	SD, SE	NA, NA	NA, NA	NA, NA	0.0007, 0.0005	NA, NA	0.0007, 0.0005
	MEDIAN	4.439	NA	4.439	0.002	NA	0.002
	MIN, MAX	4.439, 4.439	NA, NA	4.439, 4.439	0.001, 0.002	NA, NA	0.001, 0.002
	5%, 95%	NA, NA	NA, NA	NA, NA	0.001, 0.002	NA, NA	0.001, 0.002
\$20,000 to \$39,999	N	1	1	2	0	3	3
	MEAN, GEO MEAN	0.867, 0.867	4.200, 4.200	2.534, 1.908	NA, NA	0.005, 0.005	0.005, 0.005
	SD, SE	NA, NA	NA, NA	2.3568, 1.6665	NA, NA	0.0010, 0.0006	0.0010, 0.0006
	MEDIAN	0.867	4.200	2.534	NA	0.005	0.005
	MIN, MAX	0.867, 0.867	4.200, 4.200	0.867, 4.200	NA, NA	0.004, 0.006	0.004, 0.006
	5%, 95%	NA, NA	NA, NA	0.867, 4.200	NA, NA	0.004, 0.006	0.004, 0.006
\$40,000 to \$49,999	N	0	1	1	0	1	1
	MEAN, GEO MEAN	NA, NA	3.848, 3.848	3.848, 3.848	NA, NA	0.002, 0.002	0.002, 0.002
	SD, SE	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
	MEDIAN	NA	3.848	3.848	NA	0.002	0.002
	MIN, MAX	NA, NA	3.848, 3.848	3.848, 3.848	NA, NA	0.002, 0.002	0.002, 0.002
	5%, 95%	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
\$50,000 or more	N	1	1	2	2	0	2
	MEAN, GEO MEAN	2.482, 2.482	1.537, 1.537	2.010, 1.953	0.003, 0.003	NA, NA	0.003, 0.003
	SD, SE	NA, NA	NA, NA	0.6682, 0.4725	0.0000, 0.0000	NA, NA	0.0000, 0.0000
	MEDIAN	2.482	1.537	2.010	0.003	NA	0.003
	MIN, MAX	2.482, 2.482	1.537, 1.537	1.537, 2.482	0.003, 0.003	NA, NA	0.003, 0.003
	5%, 95%	NA, NA	NA, NA	1.537, 2.482	0.003, 0.003	NA, NA	0.003, 0.003

* Overall values calculated by first averaging the results across visits within a subject, then calculating the descriptive statistics across subjects. Count of BLQ values does not apply as the BLQ values were converted to the upper limit of the BLQ (e.g., '<1.234' will be used as '1.234') for the averages across visits within a subject thus eliminating all BLQ values for the overall statistics.

TABLE 14.4-11
DESCRIPTIVE STATISTICS OF 24-HOUR URINE BIOMARKERS OF EXPOSURE BY TIMEPOINT FOR DEMOGRAPHIC CHARACTERISTIC: ANNUAL HOUSEHOLD INCOME
(Page 214 of 7)

Lab: INBIPO
Biomarker: Free Cotinine (nmol/mg Creatin)
Timepoint: Week 1

Characteristic	Statistic	Smokers			Non-Smokers		
		Male	Female	Overall	Male	Female	Overall
\$19,999 or less	N	1	0	1	2	0	2
	MEAN, GEO MEAN	7.340, 7.340	NA, NA	7.340, 7.340	0.008, 0.007	NA, NA	0.008, 0.007
	SD, SE	NA, NA	NA, NA	NA, NA	0.0057, 0.0040	NA, NA	0.0057, 0.0040
	MEDIAN	7.340	NA	7.340	0.008	NA	0.008
	MIN, MAX	7.340, 7.340	NA, NA	7.340, 7.340	0.004, 0.012	NA, NA	0.004, 0.012
	5%, 95%	NA, NA	NA, NA	NA, NA	0.004, 0.012	NA, NA	0.004, 0.012
\$20,000 to \$39,999	BLQ Values Included	0	NA	0	1	NA	1
	N	1	1	2	0	2	2
	MEAN, GEO MEAN	2.553, 2.553	11.433, 11.433	6.993, 5.403	NA, NA	0.008, 0.007	0.008, 0.007
	SD, SE	NA, NA	NA, NA	6.2791, 4.4400	NA, NA	0.0035, 0.0025	0.0035, 0.0025
	MEDIAN	2.553	11.433	6.993	NA	0.008	0.008
	MIN, MAX	2.553, 2.553	11.433, 11.433	2.553, 11.433	NA, NA	0.005, 0.010	0.005, 0.010
\$40,000 to \$49,999	5%, 95%	NA, NA	NA, NA	2.553, 11.433	NA, NA	0.005, 0.010	0.005, 0.010
	BLQ Values Included	0	0	0	NA	2	2
	N	0	1	1	0	1	1
	MEAN, GEO MEAN	NA, NA	8.305, 8.305	8.305, 8.305	NA, NA	0.005, 0.005	0.005, 0.005
	SD, SE	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
	MEDIAN	NA	8.305	8.305	NA	0.005	0.005
\$50,000 or more	MIN, MAX	NA, NA	8.305, 8.305	8.305, 8.305	NA, NA	0.005, 0.005	0.005, 0.005
	5%, 95%	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
	BLQ Values Included	NA	0	0	NA	1	1
	N	1	1	2	2	0	2
	MEAN, GEO MEAN	4.962, 4.962	2.640, 2.640	3.801, 3.619	0.004, 0.004	NA, NA	0.004, 0.004
	SD, SE	NA, NA	NA, NA	1.6419, 1.1610	0.0014, 0.0010	NA, NA	0.0014, 0.0010
	MEDIAN	4.962	2.640	3.801	0.004	NA	0.004
	MIN, MAX	4.962, 4.962	2.640, 2.640	2.640, 4.962	0.003, 0.005	NA, NA	0.003, 0.005
	5%, 95%	NA, NA	NA, NA	2.640, 4.962	0.003, 0.005	NA, NA	0.003, 0.005
	BLQ Values Included	0	0	0	2	NA	2

TABLE 14.4-11
DESCRIPTIVE STATISTICS OF 24-HOUR URINE BIOMARKERS OF EXPOSURE BY TIMEPOINT FOR DEMOGRAPHIC CHARACTERISTIC: ANNUAL HOUSEHOLD INCOME
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Lab: INBiFO
Biomarker: Free Cotinine (nmol/mg Creatin)
Timepoint: Week 2

Characteristic	Statistic	Smokers			Non-Smokers		
		Male	Female	Overall	Male	Female	Overall
\$19,999 or less	N	1	0	1	2	0	2
	MEAN, GEO MEAN	8.133, 8.133	NA, NA	8.133, 8.133	0.003, 0.003	NA, NA	0.003, 0.003
	SD, SE	NA, NA	NA, NA	NA, NA	0.0014, 0.0010	NA, NA	0.0014, 0.0010
	MEDIAN	8.133	NA	8.133	0.003	NA	0.003
	MIN, MAX	8.133, 8.133	NA, NA	8.133, 8.133	0.002, 0.004	NA, NA	0.002, 0.004
	5%, 95%	NA, NA	NA, NA	NA, NA	0.002, 0.004	NA, NA	0.002, 0.004
\$20,000 to \$39,999	BLQ Values Included	0	NA	0	2	NA	2
	N	1	1	2	0	3	3
	MEAN, GEO MEAN	4.778, 4.778	14.182, 14.182	9.480, 8.232	NA, NA	0.008, 0.007	0.008, 0.007
	SD, SE	NA, NA	NA, NA	6.6496, 4.7020	NA, NA	0.0031, 0.0018	0.0031, 0.0018
	MEDIAN	4.778	14.182	9.480	NA	0.007	0.007
	MIN, MAX	4.778, 4.778	14.182, 14.182	4.778, 14.182	NA, NA	0.005, 0.011	0.005, 0.011
\$40,000 to \$49,999	5%, 95%	NA, NA	NA, NA	4.778, 14.182	NA, NA	0.005, 0.011	0.005, 0.011
	BLQ Values Included	0	0	0	NA	3	3
	N	0	1	1	0	1	1
	MEAN, GEO MEAN	NA, NA	6.393, 6.393	6.393, 6.393	NA, NA	0.003, 0.003	0.003, 0.003
	SD, SE	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
	MEDIAN	NA	6.393	6.393	NA	0.003	0.003
\$50,000 or more	MIN, MAX	NA, NA	6.393, 6.393	6.393, 6.393	NA, NA	0.003, 0.003	0.003, 0.003
	5%, 95%	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
	BLQ Values Included	NA	0	0	NA	1	1
	N	1	1	2	2	0	2
	MEAN, GEO MEAN	4.774, 4.774	4.231, 4.231	4.503, 4.494	0.005, 0.005	NA, NA	0.005, 0.005
	SD, SE	NA, NA	NA, NA	0.3840, 0.2715	0.0014, 0.0010	NA, NA	0.0014, 0.0010
	MEDIAN	4.774	4.231	4.503	0.005	NA	0.005
	MIN, MAX	4.774, 4.774	4.231, 4.231	4.231, 4.774	0.004, 0.006	NA, NA	0.004, 0.006
	5%, 95%	NA, NA	NA, NA	4.231, 4.774	0.004, 0.006	NA, NA	0.004, 0.006
	BLQ Values Included	0	0	0	2	NA	2

TABLE 14.4-11
DESCRIPTIVE STATISTICS OF 24-HOUR URINE BIOMARKERS OF EXPOSURE BY TIMEPOINT FOR DEMOGRAPHIC CHARACTERISTIC: ANNUAL HOUSEHOLD INCOME
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Lab: INBIFO
Biomarker: Free Cotinine (nmol/mg Creatin)
Timepoint: Week 3

Characteristic	Statistic	Smokers			Non-Smokers		
		Male	Female	Overall	Male	Female	Overall
\$19,999 or less	N	1	0	1	1	0	1
	MEAN, GEO MEAN	9.738, 9.738	NA, NA	9.738, 9.738	0.004, 0.004	NA, NA	0.004, 0.004
	SD, SE	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
	MEDIAN	9.738	NA	9.738	0.004	NA	0.004
	MIN, MAX	9.738, 9.738	NA, NA	9.738, 9.738	0.004, 0.004	NA, NA	0.004, 0.004
	5%, 95%	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
\$20,000 to \$39,999	BLQ Values Included	0	NA	0	1	NA	1
	N	1	1	2	0	3	3
	MEAN, GEO MEAN	3.746, 3.746	7.282, 7.282	5.514, 5.223	NA, NA	0.006, 0.006	0.006, 0.006
	SD, SE	NA, NA	NA, NA	2.5003, 1.7680	NA, NA	0.0006, 0.0003	0.0006, 0.0003
	MEDIAN	3.746	7.282	5.514	NA	0.006	0.006
	MIN, MAX	3.746, 3.746	7.282, 7.282	3.746, 7.282	NA, NA	0.006, 0.007	0.006, 0.007
\$40,000 to \$49,999	5%, 95%	NA, NA	NA, NA	3.746, 7.282	NA, NA	0.006, 0.007	0.006, 0.007
	BLQ Values Included	0	0	0	NA	3	3
	N	0	1	1	0	1	1
	MEAN, GEO MEAN	NA, NA	9.978, 9.978	9.978, 9.978	NA, NA	0.003, 0.003	0.003, 0.003
	SD, SE	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
	MEDIAN	NA	9.978	9.978	NA	0.003	0.003
\$50,000 or more	MIN, MAX	NA, NA	9.978, 9.978	9.978, 9.978	NA, NA	0.003, 0.003	0.003, 0.003
	5%, 95%	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
	BLQ Values Included	NA	0	0	NA	1	1
	N	0	1	1	2	0	2
	MEAN, GEO MEAN	NA, NA	3.016, 3.016	3.016, 3.016	0.006, 0.006	NA, NA	0.006, 0.006
	SD, SE	NA, NA	NA, NA	NA, NA	0.0000, 0.0000	NA, NA	0.0000, 0.0000
	MEDIAN	NA	3.016	3.016	0.006	NA	0.006
	MIN, MAX	NA, NA	3.016, 3.016	3.016, 3.016	0.006, 0.006	NA, NA	0.006, 0.006
	5%, 95%	NA, NA	NA, NA	NA, NA	0.006, 0.006	NA, NA	0.006, 0.006
	BLQ Values Included	NA	0	0	2	NA	2

TABLE 14.4-11
DESCRIPTIVE STATISTICS OF 24-HOUR URINE BIOMARKERS OF EXPOSURE BY TIMEPOINT FOR DEMOGRAPHIC CHARACTERISTIC: ANNUAL HOUSEHOLD INCOME
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Lab: INBIFO
Biomarker: Free Cotinine (nmol/mg Creatin)
Timepoint: Overall*

Characteristic	Statistic	Smokers			Non-Smokers		
		Male	Female	Overall	Male	Female	Overall
\$19,999 or less	N	1	0	1	2	0	2
	MEAN, GEO MEAN	8.404, 8.404	NA, NA	8.404, 8.404	0.005, 0.005	NA, NA	0.005, 0.005
	SD, SE	NA, NA	NA, NA	NA, NA	0.0014, 0.0010	NA, NA	0.0014, 0.0010
	MEDIAN	8.404	NA	8.404	0.005	NA	0.005
	MIN, MAX	8.404, 8.404	NA, NA	8.404, 8.404	0.004, 0.006	NA, NA	0.004, 0.006
	5%, 95%	NA, NA	NA, NA	NA, NA	0.004, 0.006	NA, NA	0.004, 0.006
\$20,000 to \$39,999	N	1	1	2	0	3	3
	MEAN, GEO MEAN	3.692, 3.692	10.966, 10.966	7.329, 6.363	NA, NA	0.007, 0.007	0.007, 0.007
	SD, SE	NA, NA	NA, NA	5.1435, 3.6370	NA, NA	0.0021, 0.0012	0.0021, 0.0012
	MEDIAN	3.692	10.966	7.329	NA	0.008	0.008
	MIN, MAX	3.692, 3.692	10.966, 10.966	3.692, 10.966	NA, NA	0.005, 0.009	0.005, 0.009
	5%, 95%	NA, NA	NA, NA	3.692, 10.966	NA, NA	0.005, 0.009	0.005, 0.009
\$40,000 to \$49,999	N	0	1	1	0	1	1
	MEAN, GEO MEAN	NA, NA	8.225, 8.225	8.225, 8.225	NA, NA	0.004, 0.004	0.004, 0.004
	SD, SE	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
	MEDIAN	NA	8.225	8.225	NA	0.004	0.004
	MIN, MAX	NA, NA	8.225, 8.225	8.225, 8.225	NA, NA	0.004, 0.004	0.004, 0.004
	5%, 95%	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
\$50,000 or more	N	1	1	2	2	0	2
	MEAN, GEO MEAN	4.868, 4.868	3.296, 3.296	4.082, 4.006	0.005, 0.005	NA, NA	0.005, 0.005
	SD, SE	NA, NA	NA, NA	1.1116, 0.7860	0.0000, 0.0000	NA, NA	0.0000, 0.0000
	MEDIAN	4.868	3.296	4.082	0.005	NA	0.005
	MIN, MAX	4.868, 4.868	3.296, 3.296	3.296, 4.868	0.005, 0.005	NA, NA	0.005, 0.005
	5%, 95%	NA, NA	NA, NA	3.296, 4.868	0.005, 0.005	NA, NA	0.005, 0.005

* Overall values calculated by first averaging the results across visits within a subject, then calculating the descriptive statistics across subjects. Count of BLQ values does not apply as the BLQ values were converted to the upper limit of the BLQ (e.g., '<1.234' will be used as '1.234') for the averages across visits within a subject thus eliminating all BLQ values for the overall statistics.

TABLE 14.4-11
DESCRIPTIVE STATISTICS OF 24-HOUR URINE BIOMARKERS OF EXPOSURE BY TIMEPOINT FOR DEMOGRAPHIC CHARACTERISTIC: ANNUAL HOUSEHOLD INCOME
(Page 218 of 7)

Lab: INBIFO
Biomarker: Free Cotinine (ug/rng Creatinin)
Timepoint: Week 1

Characteristic	Statistic	Smokers			Non-Smokers		
		Male	Female	Overall	Male	Female	Overall
\$19,999 or less	N	1	0	1	2	0	2
	MEAN, GEO MEAN	1.293, 1.293	NA, NA	1.293, 1.293	0.002, 0.001	NA, NA	0.002, 0.001
	SD, SE	NA, NA	NA, NA	NA, NA	0.0007, 0.0005	NA, NA	0.0007, 0.0005
	MEDIAN	1.293	NA	1.293	0.002	NA	0.002
	MIN, MAX	1.293, 1.293	NA, NA	1.293, 1.293	0.001, 0.002	NA, NA	0.001, 0.002
	5%, 95%	NA, NA	NA, NA	NA, NA	0.001, 0.002	NA, NA	0.001, 0.002
	BLQ Values Included	0	NA	0	1	NA	1
\$20,000 to \$39,999	N	1	1	2	0	2	2
	MEAN, GEO MEAN	0.450, 0.450	2.014, 2.014	1.232, 0.952	NA, NA	0.002, 0.001	0.002, 0.001
	SD, SE	NA, NA	NA, NA	1.1059, 0.7820	NA, NA	0.0007, 0.0005	0.0007, 0.0005
	MEDIAN	0.450	2.014	1.232	NA	0.002	0.002
	MIN, MAX	0.450, 0.450	2.014, 2.014	0.450, 2.014	NA, NA	0.001, 0.002	0.001, 0.002
	5%, 95%	NA, NA	NA, NA	0.450, 2.014	NA, NA	0.001, 0.002	0.001, 0.002
	BLQ Values Included	0	0	0	NA	2	2
\$40,000 to \$49,999	N	0	1	1	0	1	1
	MEAN, GEO MEAN	NA, NA	1.463, 1.463	1.463, 1.463	NA, NA	0.001, 0.001	0.001, 0.001
	SD, SE	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
	MEDIAN	NA	1.463	1.463	NA	0.001	0.001
	MIN, MAX	NA, NA	1.463, 1.463	1.463, 1.463	NA, NA	0.001, 0.001	0.001, 0.001
	5%, 95%	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
	BLQ Values Included	NA	0	0	NA	1	1
\$50,000 or more	N	1	1	2	2	0	2
	MEAN, GEO MEAN	0.874, 0.874	0.465, 0.465	0.670, 0.638	0.001, 0.001	NA, NA	0.001, 0.001
	SD, SE	NA, NA	NA, NA	0.2892, 0.2045	0.0000, 0.0000	NA, NA	0.0000, 0.0000
	MEDIAN	0.874	0.465	0.670	0.001	NA	0.001
	MIN, MAX	0.874, 0.874	0.465, 0.465	0.465, 0.874	0.001, 0.001	NA, NA	0.001, 0.001
	5%, 95%	NA, NA	NA, NA	0.465, 0.874	0.001, 0.001	NA, NA	0.001, 0.001
	BLQ Values Included	0	0	0	2	NA	2

TABLE 14.4-11
DESCRIPTIVE STATISTICS OF 24-HOUR URINE BIOMARKERS OF EXPOSURE BY TIMEPOINT FOR DEMOGRAPHIC CHARACTERISTIC: ANNUAL HOUSEHOLD INCOME
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Lab: INBIFO
Biomarker: Free Cotinine (ug/mg Creatinin)
Timepoint: Week 2

Characteristic	Statistic	Smokers			Non-Smokers		
		Male	Female	Overall	Male	Female	Overall
\$19,999 or less	N	1	0	1	2	0	2
	MEAN, GEO MEAN	1.433, 1.433	NA, NA	1.433, 1.433	0.001, NA	NA, NA	0.001, NA
	SD, SE	NA, NA	NA, NA	NA, NA	0.0007, 0.0005	NA, NA	0.0007, 0.0005
	MEDIAN	1.433	NA	1.433	0.001	NA	0.001
	MIN, MAX	1.433, 1.433	NA, NA	1.433, 1.433	0.000, 0.001	NA, NA	0.000, 0.001
	5%, 95%	NA, NA	NA, NA	NA, NA	0.000, 0.001	NA, NA	0.000, 0.001
	BLQ Values Included	0	NA	0	2	NA	2
\$20,000 to \$39,999	N	1	1	2	0	3	3
	MEAN, GEO MEAN	0.842, 0.842	2.499, 2.499	1.671, 1.451	NA, NA	0.001, 0.001	0.001, 0.001
	SD, SE	NA, NA	NA, NA	1.1717, 0.8285	NA, NA	0.0006, 0.0003	0.0006, 0.0003
	MEDIAN	0.842	2.499	1.671	NA	0.001	0.001
	MIN, MAX	0.842, 0.842	2.499, 2.499	0.842, 2.499	NA, NA	0.001, 0.002	0.001, 0.002
	5%, 95%	NA, NA	NA, NA	0.842, 2.499	NA, NA	0.001, 0.002	0.001, 0.002
	BLQ Values Included	0	0	0	NA	3	3
\$40,000 to \$49,999	N	0	1	1	0	1	1
	MEAN, GEO MEAN	NA, NA	1.126, 1.126	1.126, 1.126	NA, NA	0.001, 0.001	0.001, 0.001
	SD, SE	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
	MEDIAN	NA	1.126	1.126	NA	0.001	0.001
	MIN, MAX	NA, NA	1.126, 1.126	1.126, 1.126	NA, NA	0.001, 0.001	0.001, 0.001
	5%, 95%	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
	BLQ Values Included	NA	0	0	NA	1	1
\$50,000 or more	N	1	1	2	2	0	2
	MEAN, GEO MEAN	0.841, 0.841	0.746, 0.746	0.794, 0.792	0.001, 0.001	NA, NA	0.001, 0.001
	SD, SE	NA, NA	NA, NA	0.0672, 0.0475	0.0000, 0.0000	NA, NA	0.0000, 0.0000
	MEDIAN	0.841	0.746	0.794	0.001	NA	0.001
	MIN, MAX	0.841, 0.841	0.746, 0.746	0.746, 0.841	0.001, 0.001	NA, NA	0.001, 0.001
	5%, 95%	NA, NA	NA, NA	0.746, 0.841	0.001, 0.001	NA, NA	0.001, 0.001
	BLQ Values Included	0	0	0	2	NA	2

TABLE 14.4-11
DESCRIPTIVE STATISTICS OF 24-HOUR URINE BIOMARKERS OF EXPOSURE BY TIMEPOINT FOR DEMOGRAPHIC CHARACTERISTIC: ANNUAL HOUSEHOLD INCOME
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Lab: INBIFO
Biomarker: Free Cotinine (ug/mg Creatinin)
Timepoint: Week 3

Characteristic	Statistic	Smokers			Non-Smokers		
		Male	Female	Overall	Male	Female	Overall
\$19,999 or less	N	1	0	1	1	0	1
	MEAN, GEO MEAN	1.716, 1.716	NA, NA	1.716, 1.716	0.001, 0.001	NA, NA	0.001, 0.001
	SD, SE	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
	MEDIAN	1.716	NA	1.716	0.001	NA	0.001
	MIN, MAX	1.716, 1.716	NA, NA	1.716, 1.716	0.001, 0.001	NA, NA	0.001, 0.001
	5%, 95%	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
	BLQ Values Included	0	NA	0	1	NA	1
\$20,000 to \$39,999	N	1	1	2	0	3	3
	MEAN, GEO MEAN	0.660, 0.660	1.283, 1.283	0.972, 0.920	NA, NA	0.001, 0.001	0.001, 0.001
	SD, SE	NA, NA	NA, NA	0.4405, 0.3115	NA, NA	0.0000, 0.0000	0.0000, 0.0000
	MEDIAN	0.660	1.283	0.972	NA	0.001	0.001
	MIN, MAX	0.660, 0.660	1.283, 1.283	0.660, 1.283	NA, NA	0.001, 0.001	0.001, 0.001
	5%, 95%	NA, NA	NA, NA	0.660, 1.283	NA, NA	0.001, 0.001	0.001, 0.001
	BLQ Values Included	0	0	0	NA	3	3
\$40,000 to \$49,999	N	0	1	1	0	1	1
	MEAN, GEO MEAN	NA, NA	1.758, 1.758	1.758, 1.758	NA, NA	0.001, 0.001	0.001, 0.001
	SD, SE	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
	MEDIAN	NA	1.758	1.758	NA	0.001	0.001
	MIN, MAX	NA, NA	1.758, 1.758	1.758, 1.758	NA, NA	0.001, 0.001	0.001, 0.001
	5%, 95%	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
	BLQ Values Included	NA	0	0	NA	1	1
\$50,000 or more	N	0	1	1	2	0	2
	MEAN, GEO MEAN	NA, NA	0.531, 0.531	0.531, 0.531	0.001, 0.001	NA, NA	0.001, 0.001
	SD, SE	NA, NA	NA, NA	NA, NA	0.0000, 0.0000	NA, NA	0.0000, 0.0000
	MEDIAN	NA	0.531	0.531	0.001	NA	0.001
	MIN, MAX	NA, NA	0.531, 0.531	0.531, 0.531	0.001, 0.001	NA, NA	0.001, 0.001
	5%, 95%	NA, NA	NA, NA	NA, NA	0.001, 0.001	NA, NA	0.001, 0.001
	BLQ Values Included	NA	0	0	2	NA	2

TABLE 14.4-11
DESCRIPTIVE STATISTICS OF 24-HOUR URINE BIOMARKERS OF EXPOSURE BY TIMEPOINT FOR DEMOGRAPHIC CHARACTERISTIC: ANNUAL HOUSEHOLD INCOME
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Lab: INBIFO
Biomarker: Free Cotinine (ug/mg Creatinin)
Timepoint: Overall*

Characteristic	Statistic	Male	Smokers Female	Overall	Male	Non-Smokers Female	Overall
\$19,999 or less	N	1	0	1	2	0	2
	MEAN, GEO MEAN	1.481, 1.481	NA, NA	1.481, 1.481	0.001, 0.001	NA, NA	0.001, 0.001
	SD, SE	NA, NA	NA, NA	NA, NA	0.0000, 0.0000	NA, NA	0.0000, 0.0000
	MEDIAN	1.481	NA	1.481	0.001	NA	0.001
	MIN, MAX	1.481, 1.481	NA, NA	1.481, 1.481	0.001, 0.001	NA, NA	0.001, 0.001
	5%, 95%	NA, NA	NA, NA	NA, NA	0.001, 0.001	NA, NA	0.001, 0.001
\$20,000 to \$39,999	N	1	1	2	0	3	3
	MEAN, GEO MEAN	0.651, 0.651	1.932, 1.932	1.292, 1.121	NA, NA	0.001, 0.001	0.001, 0.001
	SD, SE	NA, NA	NA, NA	0.9058, 0.6405	NA, NA	0.0006, 0.0003	0.0006, 0.0003
	MEDIAN	0.651	1.932	1.292	NA	0.001	0.001
	MIN, MAX	0.651, 0.651	1.932, 1.932	0.651, 1.932	NA, NA	0.001, 0.002	0.001, 0.002
	5%, 95%	NA, NA	NA, NA	0.651, 1.932	NA, NA	0.001, 0.002	0.001, 0.002
\$40,000 to \$49,999	N	0	1	1	0	1	1
	MEAN, GEO MEAN	NA, NA	1.449, 1.449	1.449, 1.449	NA, NA	0.001, 0.001	0.001, 0.001
	SD, SE	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
	MEDIAN	NA	1.449	1.449	NA	0.001	0.001
	MIN, MAX	NA, NA	1.449, 1.449	1.449, 1.449	NA, NA	0.001, 0.001	0.001, 0.001
	5%, 95%	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
\$50,000 or more	N	1	1	2	2	0	2
	MEAN, GEO MEAN	0.858, 0.858	0.581, 0.581	0.720, 0.706	0.001, 0.001	NA, NA	0.001, 0.001
	SD, SE	NA, NA	NA, NA	0.1959, 0.1385	0.0000, 0.0000	NA, NA	0.0000, 0.0000
	MEDIAN	0.858	0.581	0.720	0.001	NA	0.001
	MIN, MAX	0.858, 0.858	0.581, 0.581	0.581, 0.858	0.001, 0.001	NA, NA	0.001, 0.001
	5%, 95%	NA, NA	NA, NA	0.581, 0.858	0.001, 0.001	NA, NA	0.001, 0.001

* Overall values calculated by first averaging the results across visits within a subject, then calculating the descriptive statistics across subjects. Count of BLQ values does not apply as the BLQ values were converted to the upper limit of the BLQ (e.g., '<1.234' will be used as '1.234') for the averages across visits within a subject thus eliminating all BLQ values for the overall statistics.

TABLE 14.4-11
DESCRIPTIVE STATISTICS OF 24-HOUR URINE BIOMARKERS OF EXPOSURE BY TIMEPOINT FOR DEMOGRAPHIC CHARACTERISTIC: ANNUAL HOUSEHOLD INCOME
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Lab: INBIPO
Biomarker: Total 3-hydroxycotinine (nmol/mg Creatin)
Timepoint: Week 1

Characteristic	Statistic	Smokers			Non-Smokers		
		Male	Female	Overall	Male	Female	Overall
\$19,999 or less	N	1	0	1	1	0	1
	MEAN, GEO MEAN	15.278, 15.278	NA, NA	15.278, 15.278	0.025, 0.025	NA, NA	0.025, 0.025
	SD, SE	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
	MEDIAN	15.278	NA	15.278	0.025	NA	0.025
	MIN, MAX	15.278, 15.278	NA, NA	15.278, 15.278	0.025, 0.025	NA, NA	0.025, 0.025
	5%, 95%	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
	BLQ Values Included	0	NA	0	0	NA	0
\$20,000 to \$39,999	N	1	1	2	0	2	2
	MEAN, GEO MEAN	9.426, 9.426	70.006, 70.006	39.716, 25.688	NA, NA	0.068, 0.061	0.068, 0.061
	SD, SE	NA, NA	NA, NA	42.8365, 30.2900	NA, NA	0.0403, 0.0285	0.0403, 0.0285
	MEDIAN	9.426	70.006	39.716	NA	0.068	0.068
	MIN, MAX	9.426, 9.426	70.006, 70.006	9.426, 70.006	NA, NA	0.039, 0.096	0.039, 0.096
	5%, 95%	NA, NA	NA, NA	9.426, 70.006	NA, NA	0.039, 0.096	0.039, 0.096
	BLQ Values Included	0	0	0	NA	1	1
\$40,000 to \$49,999	N	0	1	1	0	1	1
	MEAN, GEO MEAN	NA, NA	22.427, 22.427	22.427, 22.427	NA, NA	0.019, 0.019	0.019, 0.019
	SD, SE	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
	MEDIAN	NA	22.427	22.427	NA	0.019	0.019
	MIN, MAX	NA, NA	22.427, 22.427	22.427, 22.427	NA, NA	0.019, 0.019	0.019, 0.019
	5%, 95%	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
	BLQ Values Included	NA	0	0	NA	1	1
\$50,000 or more	N	1	1	2	1	0	1
	MEAN, GEO MEAN	23.232, 23.232	17.948, 17.948	20.590, 20.420	0.019, 0.019	NA, NA	0.019, 0.019
	SD, SE	NA, NA	NA, NA	3.7364, 2.6420	NA, NA	NA, NA	NA, NA
	MEDIAN	23.232	17.948	20.590	0.019	NA	0.019
	MIN, MAX	23.232, 23.232	17.948, 17.948	17.948, 23.232	0.019, 0.019	NA, NA	0.019, 0.019
	5%, 95%	NA, NA	NA, NA	17.948, 23.232	NA, NA	NA, NA	NA, NA
	BLQ Values Included	0	0	0	1	NA	1

TABLE 14.4-11
DESCRIPTIVE STATISTICS OF 24-HOUR URINE BIOMARKERS OF EXPOSURE BY TIMEPOINT FOR DEMOGRAPHIC CHARACTERISTIC: ANNUAL HOUSEHOLD INCOME
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Lab: INBIFO
Biomarker: Total 3-hydroxycotinine (nmol/mg Creatin)
Timepoint: Week 2

Characteristic	Statistic	Smokers			Non-Smokers		
		Male	Female	Overall	Male	Female	Overall
\$19,999 or less	N	1	0	1	1	0	1
	MEAN, GEO MEAN	18.022, 18.022	NA, NA	18.022, 18.022	0.026, 0.026	NA, NA	0.026, 0.026
	SD, SE	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
	MEDIAN	18.022	NA	18.022	0.026	NA	0.026
	MIN, MAX	18.022, 18.022	NA, NA	18.022, 18.022	0.026, 0.026	NA, NA	0.026, 0.026
	5%, 95%	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
	BLQ Values Included	0	NA	0	0	NA	0
\$20,000 to \$39,999	N	1	1	2	0	1	1
	MEAN, GEO MEAN	14.293, 14.293	79.538, 79.538	46.916, 33.717	NA, NA	0.026, 0.026	0.026, 0.026
	SD, SE	NA, NA	NA, NA	46.1352, 32.6225	NA, NA	NA, NA	NA, NA
	MEDIAN	14.293	79.538	46.916	NA	0.026	0.026
	MIN, MAX	14.293, 14.293	79.538, 79.538	14.293, 79.538	NA, NA	0.026, 0.026	0.026, 0.026
	5%, 95%	NA, NA	NA, NA	14.293, 79.538	NA, NA	NA, NA	NA, NA
	BLQ Values Included	0	0	0	NA	1	1
\$40,000 to \$49,999	N	0	1	1	0	1	1
	MEAN, GEO MEAN	NA, NA	21.151, 21.151	21.151, 21.151	NA, NA	0.011, 0.011	0.011, 0.011
	SD, SE	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
	MEDIAN	NA	21.151	21.151	NA	0.011	0.011
	MIN, MAX	NA, NA	21.151, 21.151	21.151, 21.151	NA, NA	0.011, 0.011	0.011, 0.011
	5%, 95%	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
	BLQ Values Included	NA	0	0	NA	1	1
\$50,000 or more	N	1	1	2	2	0	2
	MEAN, GEO MEAN	25.380, 25.380	14.775, 14.775	20.078, 19.365	0.021, 0.020	NA, NA	0.021, 0.020
	SD, SE	NA, NA	NA, NA	7.4989, 5.3025	0.0078, 0.0053	NA, NA	0.0078, 0.0053
	MEDIAN	25.380	14.775	20.078	0.021	NA	0.021
	MIN, MAX	25.380, 25.380	14.775, 14.775	14.775, 25.380	0.015, 0.026	NA, NA	0.015, 0.026
	5%, 95%	NA, NA	NA, NA	14.775, 25.380	0.015, 0.026	NA, NA	0.015, 0.026
	BLQ Values Included	0	0	0	2	NA	2

TABLE 14.4-11
DESCRIPTIVE STATISTICS OF 24-HOUR URINE BIOMARKERS OF EXPOSURE BY TIMEPOINT FOR DEMOGRAPHIC CHARACTERISTIC: ANNUAL HOUSEHOLD INCOME
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Lab: INBIFO

Biomarker: Total 3-hydroxycotinine (nmol/mg Creatin)

Timepoint: Week 3

Characteristic	Statistic	Smokers			Non-Smokers		
		Male	Female	Overall	Male	Female	Overall
\$19,999 or less	N	1	0	1	1	0	1
	MEAN, GEO MEAN	19.392, 19.392	NA, NA	19.392, 19.392	0.015, 0.015	NA, NA	0.015, 0.015
	SD, SE	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
	MEDIAN	19.392	NA	19.392	0.015	NA	0.015
	MIN, MAX	19.392, 19.392	NA, NA	19.392, 19.392	0.015, 0.015	NA, NA	0.015, 0.015
	5%, 95%	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
	BLQ Values Included	0	NA	0	1	NA	1
\$20,000 to \$39,999	N	1	1	2	0	1	1
	MEAN, GEO MEAN	10.542, 10.542	65.930, 65.930	38.236, 26.363	NA, NA	0.028, 0.028	0.028, 0.028
	SD, SE	NA, NA	NA, NA	39.1652, 27.6940	NA, NA	NA, NA	NA, NA
	MEDIAN	10.542	65.930	38.236	NA	0.028	0.028
	MIN, MAX	10.542, 10.542	65.930, 65.930	10.542, 65.930	NA, NA	0.028, 0.028	0.028, 0.028
	5%, 95%	NA, NA	NA, NA	10.542, 65.930	NA, NA	NA, NA	NA, NA
	BLQ Values Included	0	0	0	NA	1	1
\$40,000 to \$49,999	N	0	1	1	0	1	1
	MEAN, GEO MEAN	NA, NA	15.321, 15.321	15.321, 15.321	NA, NA	0.012, 0.012	0.012, 0.012
	SD, SE	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
	MEDIAN	NA	15.321	15.321	NA	0.012	0.012
	MIN, MAX	NA, NA	15.321, 15.321	15.321, 15.321	NA, NA	0.012, 0.012	0.012, 0.012
	5%, 95%	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
	BLQ Values Included	NA	0	0	NA	1	1
\$50,000 or more	N	0	1	1	2	0	2
	MEAN, GEO MEAN	NA, NA	9.955, 9.955	9.955, 9.955	0.025, 0.024	NA, NA	0.025, 0.024
	SD, SE	NA, NA	NA, NA	NA, NA	0.0021, 0.0015	NA, NA	0.0021, 0.0015
	MEDIAN	NA	9.955	9.955	0.025	NA	0.025
	MIN, MAX	NA, NA	9.955, 9.955	9.955, 9.955	0.023, 0.026	NA, NA	0.023, 0.026
	5%, 95%	NA, NA	NA, NA	NA, NA	0.023, 0.026	NA, NA	0.023, 0.026
	BLQ Values Included	NA	0	0	2	NA	2

TABLE 14.4-11
DESCRIPTIVE STATISTICS OF 24-HOUR URINE BIOMARKERS OF EXPOSURE BY TIMEPOINT FOR DEMOGRAPHIC CHARACTERISTIC: ANNUAL HOUSEHOLD INCOME
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Lab: INBIFO

Biomarker: Total 3-hydroxycotinine (nmol/mg Creatin)

Timepoint: Overall*

Characteristic	Statistic	Smokers			Non-Smokers		
		Male	Female	Overall	Male	Female	Overall
\$19,999 or less	N	1	0	1	1	0	1
	MEAN, GEO MEAN	17.564, 17.564	NA, NA	17.564, 17.564	0.022, 0.022	NA, NA	0.022, 0.022
	SD, SE	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
	MEDIAN	17.564	NA	17.564	0.022	NA	0.022
	MIN, MAX	17.564, 17.564	NA, NA	17.564, 17.564	0.022, 0.022	NA, NA	0.022, 0.022
\$20,000 to \$39,999	5%, 95%	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
	N	1	1	2	0	2	2
	MEAN, GEO MEAN	11.420, 11.420	71.825, 71.825	41.623, 28.640	NA, NA	0.064, 0.055	0.064, 0.055
	SD, SE	NA, NA	NA, NA	42.7128, 30.2025	NA, NA	0.0460, 0.0325	0.0460, 0.0325
	MEDIAN	11.420	71.825	41.623	NA	0.064	0.064
\$40,000 to \$49,999	MIN, MAX	11.420, 11.420	71.825, 71.825	11.420, 71.825	NA, NA	0.031, 0.096	0.031, 0.096
	5%, 95%	NA, NA	NA, NA	11.420, 71.825	NA, NA	0.031, 0.096	0.031, 0.096
	N	0	1	1	0	1	1
	MEAN, GEO MEAN	NA, NA	19.633, 19.633	19.633, 19.633	NA, NA	0.014, 0.014	0.014, 0.014
	SD, SE	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
\$50,000 or more	MEDIAN	NA	19.633	19.633	NA	0.014	0.014
	MIN, MAX	NA, NA	19.633, 19.633	19.633, 19.633	NA, NA	0.014, 0.014	0.014, 0.014
	5%, 95%	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
	N	1	1	2	2	0	2
	MEAN, GEO MEAN	24.306, 24.306	14.226, 14.226	19.266, 18.595	0.023, 0.022	NA, NA	0.023, 0.022
	SD, SE	NA, NA	NA, NA	7.1276, 5.0400	0.0035, 0.0025	NA, NA	0.0035, 0.0025
	MEDIAN	24.306	14.226	19.266	0.023	NA	0.023
	MIN, MAX	24.306, 24.306	14.226, 14.226	14.226, 24.306	0.020, 0.025	NA, NA	0.020, 0.025
	5%, 95%	NA, NA	NA, NA	14.226, 24.306	0.020, 0.025	NA, NA	0.020, 0.025

* Overall values calculated by first averaging the results across visits within a subject, then calculating the descriptive statistics across subjects. Count of BLQ values does not apply as the BLQ values were converted to the upper limit of the BLQ (e.g., '<1.234' will be used as '1.234') for the averages across visits within a subject thus eliminating all BLQ values for the overall statistics.

TABLE 14.4-11
DESCRIPTIVE STATISTICS OF 24-HOUR URINE BIOMARKERS OF EXPOSURE BY TIMEPOINT FOR DEMOGRAPHIC CHARACTERISTIC: ANNUAL HOUSEHOLD INCOME
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Lab: INBIFO

Biomarker: Total 3-hydroxycotinine (ug/mg Creatinin)

Timepoint: Week 1

Characteristic	Statistic	Smokers			Non-Smokers		
		Male	Female	Overall	Male	Female	Overall
\$19,999 or less	N	1	0	1	1	0	1
	MEAN, GEO MEAN	2.936, 2.936	NA, NA	2.936, 2.936	0.005, 0.005	NA, NA	0.005, 0.005
	SD, SE	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
	MEDIAN	2.936	NA	2.936	0.005	NA	0.005
	MIN, MAX	2.936, 2.936	NA, NA	2.936, 2.936	0.005, 0.005	NA, NA	0.005, 0.005
	5%, 95%	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
\$20,000 to \$39,999	BLQ Values Included	0	NA	0	0	NA	0
	N	1	1	2	0	2	2
	MEAN, GEO MEAN	1.812, 1.812	13.455, 13.455	7.634, 4.938	NA, NA	0.013, 0.011	0.013, 0.011
	SD, SE	NA, NA	NA, NA	8.2328, 5.8215	NA, NA	0.0078, 0.0055	0.0078, 0.0055
	MEDIAN	1.812	13.455	7.634	NA	0.013	0.013
	MIN, MAX	1.812, 1.812	13.455, 13.455	1.812, 13.455	NA, NA	0.007, 0.018	0.007, 0.018
\$40,000 to \$49,999	5%, 95%	NA, NA	NA, NA	1.812, 13.455	NA, NA	0.007, 0.018	0.007, 0.018
	BLQ Values Included	0	0	0	NA	1	1
	N	0	1	1	0	1	1
	MEAN, GEO MEAN	NA, NA	4.310, 4.310	4.310, 4.310	NA, NA	0.004, 0.004	0.004, 0.004
	SD, SE	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
	MEDIAN	NA	4.310	4.310	NA	0.004	0.004
\$50,000 or more	MIN, MAX	NA, NA	4.310, 4.310	4.310, 4.310	NA, NA	0.004, 0.004	0.004, 0.004
	5%, 95%	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
	BLQ Values Included	NA	0	0	NA	1	1
	N	1	1	2	1	0	1
	MEAN, GEO MEAN	4.465, 4.465	3.450, 3.450	3.958, 3.925	0.004, 0.004	NA, NA	0.004, 0.004
	SD, SE	NA, NA	NA, NA	0.7177, 0.5075	NA, NA	NA, NA	NA, NA
	MEDIAN	4.465	3.450	3.958	0.004	NA	0.004
	MIN, MAX	4.465, 4.465	3.450, 3.450	3.450, 4.465	0.004, 0.004	NA, NA	0.004, 0.004
	5%, 95%	NA, NA	NA, NA	3.450, 4.465	NA, NA	NA, NA	NA, NA
	BLQ Values Included	0	0	0	1	NA	1

TABLE 14.4-11
DESCRIPTIVE STATISTICS OF 24-HOUR URINE BIOMARKERS OF EXPOSURE BY TIMEPOINT FOR DEMOGRAPHIC CHARACTERISTIC: ANNUAL HOUSEHOLD INCOME
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Lab: INBIFO
Biomarker: Total 3-hydroxycodinine (ug/mg Creatinin)
Timepoint: Week 2

Characteristic	Statistic	Smokers			Non-Smokers		
		Male	Female	Overall	Male	Female	Overall
\$19,999 or less	N	1	0	1	1	0	1
	MEAN, GEO MEAN	3.464, 3.464	NA, NA	3.464, 3.464	0.005, 0.005	NA, NA	0.005, 0.005
	SD, SE	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
	MEDIAN	3.464	NA	3.464	0.005	NA	0.005
	MIN, MAX	3.464, 3.464	NA, NA	3.464, 3.464	0.005, 0.005	NA, NA	0.005, 0.005
	5%, 95%	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
\$20,000 to \$39,999	BLQ Values Included	0	NA	0	0	NA	0
	N	1	1	2	0	1	1
	MEAN, GEO MEAN	2.747, 2.747	15.287, 15.287	9.017, 6.480	NA, NA	0.005, 0.005	0.005, 0.005
	SD, SE	NA, NA	NA, NA	8.8671, 6.2700	NA, NA	NA, NA	NA, NA
	MEDIAN	2.747	15.287	9.017	NA	0.005	0.005
	MIN, MAX	2.747, 2.747	15.287, 15.287	2.747, 15.287	NA, NA	0.005, 0.005	0.005, 0.005
\$40,000 to \$49,999	5%, 95%	NA, NA	NA, NA	2.747, 15.287	NA, NA	NA, NA	NA, NA
	BLQ Values Included	0	0	0	NA	1	1
	N	0	1	1	0	1	1
	MEAN, GEO MEAN	NA, NA	4.065, 4.065	4.065, 4.065	NA, NA	0.002, 0.002	0.002, 0.002
	SD, SE	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
	MEDIAN	NA	4.065	4.065	NA	0.002	0.002
\$50,000 or more	MIN, MAX	NA, NA	4.065, 4.065	4.065, 4.065	NA, NA	0.002, 0.002	0.002, 0.002
	5%, 95%	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
	BLQ Values Included	NA	0	0	NA	1	1
	N	1	1	2	2	0	2
	MEAN, GEO MEAN	4.878, 4.878	2.840, 2.840	3.859, 3.722	0.004, 0.004	NA, NA	0.004, 0.004
	SD, SE	NA, NA	NA, NA	1.4411, 1.0190	0.0014, 0.0010	NA, NA	0.0014, 0.0010
	MEDIAN	4.878	2.840	3.859	0.004	NA	0.004
	MIN, MAX	4.878, 4.878	2.840, 2.840	2.840, 4.878	0.003, 0.005	NA, NA	0.003, 0.005
	5%, 95%	NA, NA	NA, NA	2.840, 4.878	0.003, 0.005	NA, NA	0.003, 0.005
	BLQ Values Included	0	0	0	2	NA	2

TABLE 14.4-11
DESCRIPTIVE STATISTICS OF 24-HOUR URINE BIOMARKERS OF EXPOSURE BY TIMEPOINT FOR DEMOGRAPHIC CHARACTERISTIC: ANNUAL HOUSEHOLD INCOME
(Page 228 of 7)

Lab: INBIFO
Biomarker: Total 3-hydroxycotinine (ug/mg Creatinin)
Timepoint: Week 3

Characteristic	Statistic	Smokers			Non-Smokers		
		Male	Female	Overall	Male	Female	Overall
\$19,999 or less	N	1	0	1	1	0	1
	MEAN, GEO MEAN	3.727, 3.727	NA, NA	3.727, 3.727	0.003, 0.003	NA, NA	0.003, 0.003
	SD, SE	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
	MEDIAN	3.727	NA	3.727	0.003	NA	0.003
	MIN, MAX	3.727, 3.727	NA, NA	3.727, 3.727	0.003, 0.003	NA, NA	0.003, 0.003
	5%, 95%	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
\$20,000 to \$39,999	BLQ Values Included	0	NA	0	1	NA	1
	N	1	1	2	0	1	1
	MEAN, GEO MEAN	2.026, 2.026	12.672, 12.672	7.349, 5.067	NA, NA	0.005, 0.005	0.005, 0.005
	SD, SE	NA, NA	NA, NA	7.5279, 5.3230	NA, NA	NA, NA	NA, NA
	MEDIAN	2.026	12.672	7.349	NA	0.005	0.005
	MIN, MAX	2.026, 2.026	12.672, 12.672	2.026, 12.672	NA, NA	0.005, 0.005	0.005, 0.005
\$40,000 to \$49,999	5%, 95%	NA, NA	NA, NA	2.026, 12.672	NA, NA	NA, NA	NA, NA
	BLQ Values Included	0	0	0	NA	1	1
	N	0	1	1	0	1	1
	MEAN, GEO MEAN	NA, NA	2.945, 2.945	2.945, 2.945	NA, NA	0.002, 0.002	0.002, 0.002
	SD, SE	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
	MEDIAN	NA	2.945	2.945	NA	0.002	0.002
\$50,000 or more	MIN, MAX	NA, NA	2.945, 2.945	2.945, 2.945	NA, NA	0.002, 0.002	0.002, 0.002
	5%, 95%	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
	BLQ Values Included	NA	0	0	NA	1	1
	N	0	1	1	2	0	2
	MEAN, GEO MEAN	NA, NA	1.913, 1.913	1.913, 1.913	0.005, 0.004	NA, NA	0.005, 0.004
	SD, SE	NA, NA	NA, NA	NA, NA	0.0007, 0.0005	NA, NA	0.0007, 0.0005
	MEDIAN	NA	1.913	1.913	0.005	NA	0.005
	MIN, MAX	NA, NA	1.913, 1.913	1.913, 1.913	0.004, 0.005	NA, NA	0.004, 0.005
	5%, 95%	NA, NA	NA, NA	NA, NA	0.004, 0.005	NA, NA	0.004, 0.005
	BLQ Values Included	NA	0	0	2	NA	2

TABLE 14.4-11
DESCRIPTIVE STATISTICS OF 24-HOUR URINE BIOMARKERS OF EXPOSURE BY TIMEPOINT FOR DEMOGRAPHIC CHARACTERISTIC: ANNUAL HOUSEHOLD INCOME
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Lab: INBIFO

Biomarker: Total 3-hydroxycotinine (ug/mg Creatinin)

Timepoint: Overall^a

Characteristic	Statistic	Smokers			Non-Smokers		
		Male	Female	Overall	Male	Female	Overall
\$19,999 or less	N	1	0	1	1	0	1
	MEAN, GEO MEAN	3.376, 3.376	NA, NA	3.376, 3.376	0.004, 0.004	NA, NA	0.004, 0.004
	SD, SE	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
	MEDIAN	3.376	NA	3.376	0.004	NA	0.004
	MIN, MAX	3.376, 3.376	NA, NA	3.376, 3.376	0.004, 0.004	NA, NA	0.004, 0.004
	5%, 95%	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
\$20,000 to \$39,999	N	1	1	2	0	2	2
	MEAN, GEO MEAN	2.195, 2.195	13.805, 13.805	8.000, 5.505	NA, NA	0.012, 0.010	0.012, 0.010
	SD, SE	NA, NA	NA, NA	8.2095, 5.8050	NA, NA	0.0085, 0.0060	0.0085, 0.0060
	MEDIAN	2.195	13.805	8.000	NA	0.012	0.012
	MIN, MAX	2.195, 2.195	13.805, 13.805	2.195, 13.805	NA, NA	0.006, 0.018	0.006, 0.018
	5%, 95%	NA, NA	NA, NA	2.195, 13.805	NA, NA	0.006, 0.018	0.006, 0.018
\$40,000 to \$49,999	N	0	1	1	0	1	1
	MEAN, GEO MEAN	NA, NA	3.773, 3.773	3.773, 3.773	NA, NA	0.003, 0.003	0.003, 0.003
	SD, SE	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
	MEDIAN	NA	3.773	3.773	NA	0.003	0.003
	MIN, MAX	NA, NA	3.773, 3.773	3.773, 3.773	NA, NA	0.003, 0.003	0.003, 0.003
	5%, 95%	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
\$50,000 or more	N	1	1	2	2	0	2
	MEAN, GEO MEAN	4.672, 4.672	2.734, 2.734	3.703, 3.574	0.005, 0.004	NA, NA	0.005, 0.004
	SD, SE	NA, NA	NA, NA	1.3704, 0.9690	0.0007, 0.0005	NA, NA	0.0007, 0.0005
	MEDIAN	4.672	2.734	3.703	0.005	NA	0.005
	MIN, MAX	4.672, 4.672	2.734, 2.734	2.734, 4.672	0.004, 0.005	NA, NA	0.004, 0.005
	5%, 95%	NA, NA	NA, NA	2.734, 4.672	0.004, 0.005	NA, NA	0.004, 0.005

^a Overall values calculated by first averaging the results across visits within a subject, then calculating the descriptive statistics across subjects. Count of BLQ values does not apply as the BLQ values were converted to the upper limit of the BLQ (e.g., <1.234' will be used as '1.234') for the averages across visits within a subject thus eliminating all BLQ values for the overall statistics.

TABLE 14.4-11
DESCRIPTIVE STATISTICS OF 24-HOUR URINE BIOMARKERS OF EXPOSURE BY TIMEPOINT FOR DEMOGRAPHIC CHARACTERISTIC: ANNUAL HOUSEHOLD INCOME
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Lab: INBIFO

Biomarker: Free 3-hydroxycotinine (nmol/mg Creatin)

Timepoint: Week 1

Characteristic	Statistic	Smokers			Non-Smokers		
		Male	Female	Overall	Male	Female	Overall
\$19,999 or less	N	1	0	1	2	0	2
	MEAN, GEO MEAN	12.896, 12.896	NA, NA	12.896, 12.896	0.015, 0.015	NA, NA	0.015, 0.015
	SD, SE	NA, NA	NA, NA	NA, NA	0.0042, 0.0030	NA, NA	0.0042, 0.0030
	MEDIAN	12.896	NA	12.896	0.015	NA	0.015
	MIN, MAX	12.896, 12.896	NA, NA	12.896, 12.896	0.012, 0.018	NA, NA	0.012, 0.018
	5%, 95%	NA, NA	NA, NA	NA, NA	0.012, 0.018	NA, NA	0.012, 0.018
	BLQ Values Included	0	NA	0	0	NA	0
\$20,000 to \$39,999	N	1	1	2	0	3	3
	MEAN, GEO MEAN	8.155, 8.155	55.986, 55.986	32.071, 21.367	NA, NA	0.030, 0.027	0.030, 0.027
	SD, SE	NA, NA	NA, NA	33.8216, 23.9155	NA, NA	0.0133, 0.0077	0.0133, 0.0077
	MEDIAN	8.155	55.986	32.071	NA	0.033	0.033
	MIN, MAX	8.155, 8.155	55.986, 55.986	8.155, 55.986	NA, NA	0.015, 0.041	0.015, 0.041
	5%, 95%	NA, NA	NA, NA	8.155, 55.986	NA, NA	0.015, 0.041	0.015, 0.041
	BLQ Values Included	0	0	0	NA	0	0
\$40,000 to \$49,999	N	0	1	1	0	1	1
	MEAN, GEO MEAN	NA, NA	18.489, 18.489	18.489, 18.489	NA, NA	0.007, 0.007	0.007, 0.007
	SD, SE	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
	MEDIAN	NA	18.489	18.489	NA	0.007	0.007
	MIN, MAX	NA, NA	18.489, 18.489	18.489, 18.489	NA, NA	0.007, 0.007	0.007, 0.007
	5%, 95%	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
	BLQ Values Included	NA	0	0	NA	0	0
\$50,000 or more	N	1	1	2	2	0	2
	MEAN, GEO MEAN	19.717, 19.717	14.300, 14.300	17.009, 16.791	0.007, 0.007	NA, NA	0.007, 0.007
	SD, SE	NA, NA	NA, NA	3.8304, 2.7085	0.0028, 0.0020	NA, NA	0.0028, 0.0020
	MEDIAN	19.717	14.300	17.009	0.007	NA	0.007
	MIN, MAX	19.717, 19.717	14.300, 14.300	14.300, 19.717	0.005, 0.009	NA, NA	0.005, 0.009
	5%, 95%	NA, NA	NA, NA	14.300, 19.717	0.005, 0.009	NA, NA	0.005, 0.009
	BLQ Values Included	0	0	0	0	NA	0

TABLE 14.4-11
DESCRIPTIVE STATISTICS OF 24-HOUR URINE BIOMARKERS OF EXPOSURE BY TIMEPOINT FOR DEMOGRAPHIC CHARACTERISTIC: ANNUAL HOUSEHOLD INCOME
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Lab: INBIFO
Biomarker: Free 3-hydroxycotinine (nmol/mg Creatin)
Timepoint: Week 2

Characteristic	Statistic	Smokers			Non-Smokers		
		Male	Female	Overall	Male	Female	Overall
\$19,999 or less	N	1	0	1	2	0	2
	MEAN, GEO MEAN	13.463, 13.463	NA, NA	13.463, 13.463	0.019, 0.019	NA, NA	0.019, 0.019
	SD, SE	NA, NA	NA, NA	NA, NA	0.0028, 0.0020	NA, NA	0.0028, 0.0020
	MEDIAN	13.463	NA	13.463	0.019	NA	0.019
	MIN, MAX	13.463, 13.463	NA, NA	13.463, 13.463	0.017, 0.021	NA, NA	0.017, 0.021
	5%, 95%	NA, NA	NA, NA	NA, NA	0.017, 0.021	NA, NA	0.017, 0.021
	BLQ Values Included	0	NA	0	0	NA	0
\$20,000 to \$39,999	N	1	1	2	0	3	3
	MEAN, GEO MEAN	9.465, 9.465	68.993, 68.993	39.229, 25.554	NA, NA	0.020, 0.019	0.020, 0.019
	SD, SE	NA, NA	NA, NA	42.0927, 29.7640	NA, NA	0.0061, 0.0035	0.0061, 0.0035
	MEDIAN	9.465	68.993	39.229	NA	0.023	0.023
	MIN, MAX	9.465, 9.465	68.993, 68.993	9.465, 68.993	NA, NA	0.013, 0.024	0.013, 0.024
	5%, 95%	NA, NA	NA, NA	9.465, 68.993	NA, NA	0.013, 0.024	0.013, 0.024
	BLQ Values Included	0	0	0	NA	0	0
\$40,000 to \$49,999	N	0	1	1	0	1	1
	MEAN, GEO MEAN	NA, NA	18.231, 18.231	18.231, 18.231	NA, NA	0.009, 0.009	0.009, 0.009
	SD, SE	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
	MEDIAN	NA	18.231	18.231	NA	0.009	0.009
	MIN, MAX	NA, NA	18.231, 18.231	18.231, 18.231	NA, NA	0.009, 0.009	0.009, 0.009
	5%, 95%	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
	BLQ Values Included	NA	0	0	NA	0	0
\$50,000 or more	N	1	1	2	1	0	1
	MEAN, GEO MEAN	20.566, 20.566	12.457, 12.457	16.512, 16.006	0.008, 0.008	NA, NA	0.008, 0.008
	SD, SE	NA, NA	NA, NA	5.7339, 4.0545	NA, NA	NA, NA	NA, NA
	MEDIAN	20.566	12.457	16.512	0.008	NA	0.008
	MIN, MAX	20.566, 20.566	12.457, 12.457	12.457, 20.566	0.008, 0.008	NA, NA	0.008, 0.008
	5%, 95%	NA, NA	NA, NA	12.457, 20.566	NA, NA	NA, NA	NA, NA
	BLQ Values Included	0	0	0	0	NA	0

TABLE 14.4-11
DESCRIPTIVE STATISTICS OF 24-HOUR URINE BIOMARKERS OF EXPOSURE BY TIMEPOINT FOR DEMOGRAPHIC CHARACTERISTIC: ANNUAL HOUSEHOLD INCOME
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Lab: INBIFO

Biomarker: Free 3-hydroxycotinine (nmol/mg Creatin)

Timepoint: Week 3

Characteristic	Statistic	Smokers			Non-Smokers		
		Male	Female	Overall	Male	Female	Overall
\$19,999 or less	N	1	0	1	2	0	2
	MEAN, GEO MEAN	15.358, 15.358	NA, NA	15.358, 15.358	0.012, 0.011	NA, NA	0.012, 0.011
	SD, SE	NA, NA	NA, NA	NA, NA	0.0057, 0.0040	NA, NA	0.0057, 0.0040
	MEDIAN	15.358	NA	15.358	0.012	NA	0.012
	MIN, MAX	15.358, 15.358	NA, NA	15.358, 15.358	0.008, 0.016	NA, NA	0.008, 0.016
	5%, 95%	NA, NA	NA, NA	NA, NA	0.008, 0.016	NA, NA	0.008, 0.016
	BLQ Values Included	0	NA	0	0	NA	0
\$20,000 to \$39,999	N	1	1	2	0	2	2
	MEAN, GEO MEAN	9.877, 9.877	49.656, 49.656	29.767, 22.146	NA, NA	0.029, 0.029	0.029, 0.029
	SD, SE	NA, NA	NA, NA	28.1280, 19.8895	NA, NA	0.0042, 0.0030	0.0042, 0.0030
	MEDIAN	9.877	49.656	29.767	NA	0.029	0.029
	MIN, MAX	9.877, 9.877	49.656, 49.656	9.877, 49.656	NA, NA	0.026, 0.032	0.026, 0.032
	5%, 95%	NA, NA	NA, NA	9.877, 49.656	NA, NA	0.026, 0.032	0.026, 0.032
	BLQ Values Included	0	0	0	NA	0	0
\$40,000 to \$49,999	N	0	1	1	0	1	1
	MEAN, GEO MEAN	NA, NA	12.774, 12.774	12.774, 12.774	NA, NA	0.008, 0.008	0.008, 0.008
	SD, SE	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
	MEDIAN	NA	12.774	12.774	NA	0.008	0.008
	MIN, MAX	NA, NA	12.774, 12.774	12.774, 12.774	NA, NA	0.008, 0.008	0.008, 0.008
	5%, 95%	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
	BLQ Values Included	NA	0	0	NA	0	0
\$50,000 or more	N	0	1	1	0	0	0
	MEAN, GEO MEAN	NA, NA	9.346, 9.346	9.346, 9.346	NA, NA	NA, NA	NA, NA
	SD, SE	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
	MEDIAN	NA	9.346	9.346	NA	NA	NA
	MIN, MAX	NA, NA	9.346, 9.346	9.346, 9.346	NA, NA	NA, NA	NA, NA
	5%, 95%	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
	BLQ Values Included	NA	0	0	NA	NA	NA

TABLE 14.4-11
DESCRIPTIVE STATISTICS OF 24-HOUR URINE BIOMARKERS OF EXPOSURE BY TIMEPOINT FOR DEMOGRAPHIC CHARACTERISTIC: ANNUAL HOUSEHOLD INCOME
(Page 233 of 7)

Lab: INBIFO

Biomarker: Free 3-hydroxycotinine (nmol/mg Creatin)

Timepoint: Overall^a

Characteristic	Statistic	Smokers			Non-Smokers		
		Male	Female	Overall	Male	Female	Overall
\$19,999 or less	N	1	0	1	2	0	2
	MEAN, GEO MEAN	13.906, 13.906	NA, NA	13.906, 13.906	0.015, 0.015	NA, NA	0.015, 0.015
	SD, SE	NA, NA	NA, NA	NA, NA	0.0014, 0.0010	NA, NA	0.0014, 0.0010
	MEDIAN	13.906	NA	13.906	0.015	NA	0.015
	MIN, MAX	13.906, 13.906	NA, NA	13.906, 13.906	0.014, 0.016	NA, NA	0.014, 0.016
	5%, 95%	NA, NA	NA, NA	NA, NA	0.014, 0.016	NA, NA	0.014, 0.016
\$20,000 to \$39,999	N	1	1	2	0	3	3
	MEAN, GEO MEAN	9.166, 9.166	58.212, 58.212	33.689, 23.099	NA, NA	0.024, 0.023	0.024, 0.023
	SD, SE	NA, NA	NA, NA	34.6808, 24.5230	NA, NA	0.0093, 0.0054	0.0093, 0.0054
	MEDIAN	9.166	58.212	33.689	NA	0.027	0.027
	MIN, MAX	9.166, 9.166	58.212, 58.212	9.166, 58.212	NA, NA	0.014, 0.032	0.014, 0.032
	5%, 95%	NA, NA	NA, NA	9.166, 58.212	NA, NA	0.014, 0.032	0.014, 0.032
\$40,000 to \$49,999	N	0	1	1	0	1	1
	MEAN, GEO MEAN	NA, NA	16.498, 16.498	16.498, 16.498	NA, NA	0.008, 0.008	0.008, 0.008
	SD, SE	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
	MEDIAN	NA	16.498	16.498	NA	0.008	0.008
	MIN, MAX	NA, NA	16.498, 16.498	16.498, 16.498	NA, NA	0.008, 0.008	0.008, 0.008
	5%, 95%	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
\$50,000 or more	N	1	1	2	2	0	2
	MEAN, GEO MEAN	20.142, 20.142	12.034, 12.034	16.088, 15.569	0.007, 0.007	NA, NA	0.007, 0.007
	SD, SE	NA, NA	NA, NA	5.7332, 4.0540	0.0028, 0.0020	NA, NA	0.0028, 0.0020
	MEDIAN	20.142	12.034	16.088	0.007	NA	0.007
	MIN, MAX	20.142, 20.142	12.034, 12.034	12.034, 20.142	0.005, 0.009	NA, NA	0.005, 0.009
	5%, 95%	NA, NA	NA, NA	12.034, 20.142	0.005, 0.009	NA, NA	0.005, 0.009

^a Overall values calculated by first averaging the results across visits within a subject, then calculating the descriptive statistics across subjects. Count of BLQ values does not apply as the BLQ values were converted to the upper limit of the BLQ (e.g., <1.234' will be used as '1.234') for the averages across visits within a subject thus eliminating all BLQ values for the overall statistics.

TABLE 14.4-11
DESCRIPTIVE STATISTICS OF 24-HOUR URINE BIOMARKERS OF EXPOSURE BY TIMEPOINT FOR DEMOGRAPHIC CHARACTERISTIC: ANNUAL HOUSEHOLD INCOME
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Lab: INBIFO

Biomarker: Free 3-hydroxycotinine (ug/mg Creatinin)

Timepoint: Week 1

Characteristic	Statistic	Smokers			Non-Smokers		
		Male	Female	Overall	Male	Female	Overall
\$19,999 or less	N	1	0	1	2	0	2
	MEAN, GEO MEAN	2.479, 2.479	NA, NA	2.479, 2.479	0.003, 0.002	NA, NA	0.003, 0.002
	SD, SE	NA, NA	NA, NA	NA, NA	0.0007, 0.0005	NA, NA	0.0007, 0.0005
	MEDIAN	2.479	NA	2.479	0.003	NA	0.003
	MIN, MAX	2.479, 2.479	NA, NA	2.479, 2.479	0.002, 0.003	NA, NA	0.002, 0.003
	5%, 95%	NA, NA	NA, NA	NA, NA	0.002, 0.003	NA, NA	0.002, 0.003
	BLQ Values Included	0	NA	0	0	NA	0
\$20,000 to \$39,999	N	1	1	2	0	3	3
	MEAN, GEO MEAN	1.567, 1.567	10.761, 10.761	6.164, 4.106	NA, NA	0.006, 0.005	0.006, 0.005
	SD, SE	NA, NA	NA, NA	6.5011, 4.5970	NA, NA	0.0025, 0.0015	0.0025, 0.0015
	MEDIAN	1.567	10.761	6.164	NA	0.006	0.006
	MIN, MAX	1.567, 1.567	10.761, 10.761	1.567, 10.761	NA, NA	0.003, 0.008	0.003, 0.008
	5%, 95%	NA, NA	NA, NA	1.567, 10.761	NA, NA	0.003, 0.008	0.003, 0.008
	BLQ Values Included	0	0	0	NA	0	0
\$40,000 to \$49,999	N	0	1	1	0	1	1
	MEAN, GEO MEAN	NA, NA	3.554, 3.554	3.554, 3.554	NA, NA	0.001, 0.001	0.001, 0.001
	SD, SE	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
	MEDIAN	NA	3.554	3.554	NA	0.001	0.001
	MIN, MAX	NA, NA	3.554, 3.554	3.554, 3.554	NA, NA	0.001, 0.001	0.001, 0.001
	5%, 95%	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
	BLQ Values Included	NA	0	0	NA	0	0
\$50,000 or more	N	1	1	2	2	0	2
	MEAN, GEO MEAN	3.790, 3.790	2.748, 2.748	3.269, 3.227	0.002, 0.001	NA, NA	0.002, 0.001
	SD, SE	NA, NA	NA, NA	0.7368, 0.5210	0.0007, 0.0005	NA, NA	0.0007, 0.0005
	MEDIAN	3.790	2.748	3.269	0.002	NA	0.002
	MIN, MAX	3.790, 3.790	2.748, 2.748	2.748, 3.790	0.001, 0.002	NA, NA	0.001, 0.002
	5%, 95%	NA, NA	NA, NA	2.748, 3.790	0.001, 0.002	NA, NA	0.001, 0.002
	BLQ Values Included	0	0	0	0	NA	0

TABLE 14.4-11
DESCRIPTIVE STATISTICS OF 24-HOUR URINE BIOMARKERS OF EXPOSURE BY TIMEPOINT FOR DEMOGRAPHIC CHARACTERISTIC: ANNUAL HOUSEHOLD INCOME
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Lab: INBIFO
Biomarker: Free 3-hydroxycotinine (ug/mg Creatinin)
Timepoint: Week 2

Characteristic	Statistic	Smokers			Non-Smokers		
		Male	Female	Overall	Male	Female	Overall
\$19,999 or less	N	1	0	1	2	0	2
	MEAN, GEO MEAN	2.588, 2.588	NA, NA	2.588, 2.588	0.004, 0.003	NA, NA	0.004, 0.003
	SD, SE	NA, NA	NA, NA	NA, NA	0.0007, 0.0005	NA, NA	0.0007, 0.0005
	MEDIAN	2.588	NA	2.588	0.004	NA	0.004
	MIN, MAX	2.588, 2.588	NA, NA	2.588, 2.588	0.003, 0.004	NA, NA	0.003, 0.004
	5%, 95%	NA, NA	NA, NA	NA, NA	0.003, 0.004	NA, NA	0.003, 0.004
	BLQ Values Included	0	NA	0	0	NA	0
\$20,000 to \$39,999	N	1	1	2	0	3	3
	MEAN, GEO MEAN	1.819, 1.819	13.260, 13.260	7.540, 4.911	NA, NA	0.004, 0.003	0.004, 0.003
	SD, SE	NA, NA	NA, NA	8.0900, 5.7205	NA, NA	0.0015, 0.0009	0.0015, 0.0009
	MEDIAN	1.819	13.260	7.540	NA	0.004	0.004
	MIN, MAX	1.819, 1.819	13.260, 13.260	1.819, 13.260	NA, NA	0.002, 0.005	0.002, 0.005
	5%, 95%	NA, NA	NA, NA	1.819, 13.260	NA, NA	0.002, 0.005	0.002, 0.005
	BLQ Values Included	0	0	0	NA	0	0
\$40,000 to \$49,999	N	0	1	1	0	1	1
	MEAN, GEO MEAN	NA, NA	3.504, 3.504	3.504, 3.504	NA, NA	0.002, 0.002	0.002, 0.002
	SD, SE	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
	MEDIAN	NA	3.504	3.504	NA	0.002	0.002
	MIN, MAX	NA, NA	3.504, 3.504	3.504, 3.504	NA, NA	0.002, 0.002	0.002, 0.002
	5%, 95%	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
	BLQ Values Included	NA	0	0	NA	0	0
\$50,000 or more	N	1	1	2	1	0	1
	MEAN, GEO MEAN	3.953, 3.953	2.394, 2.394	3.174, 3.076	0.002, 0.002	NA, NA	0.002, 0.002
	SD, SE	NA, NA	NA, NA	1.1024, 0.7795	NA, NA	NA, NA	NA, NA
	MEDIAN	3.953	2.394	3.174	0.002	NA	0.002
	MIN, MAX	3.953, 3.953	2.394, 2.394	2.394, 3.953	0.002, 0.002	NA, NA	0.002, 0.002
	5%, 95%	NA, NA	NA, NA	2.394, 3.953	NA, NA	NA, NA	NA, NA
	BLQ Values Included	0	0	0	0	NA	0

TABLE 14.4-11
DESCRIPTIVE STATISTICS OF 24-HOUR URINE BIOMARKERS OF EXPOSURE BY TIMEPOINT FOR DEMOGRAPHIC CHARACTERISTIC: ANNUAL HOUSEHOLD INCOME
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Lab: INBIFO
Biomarker: Free 3-hydroxycotinine (ug/mg Creatinin)
Timepoint: Week 3

Characteristic	Statistic	Smokers			Non-Smokers		
		Male	Female	Overall	Male	Female	Overall
\$19,999 or less	N	1	0	1	2	0	2
	MEAN, GEO MEAN	2.952, 2.952	NA, NA	2.952, 2.952	0.003, 0.002	NA, NA	0.003, 0.002
	SD, SE	NA, NA	NA, NA	NA, NA	0.0007, 0.0005	NA, NA	0.0007, 0.0005
	MEDIAN	2.952	NA	2.952	0.003	NA	0.003
	MIN, MAX	2.952, 2.952	NA, NA	2.952, 2.952	0.002, 0.003	NA, NA	0.002, 0.003
	5%, 95%	NA, NA	NA, NA	NA, NA	0.002, 0.003	NA, NA	0.002, 0.003
	BLQ Values Included	0	NA	0	0	NA	0
\$20,000 to \$39,999	N	1	1	2	0	2	2
	MEAN, GEO MEAN	1.898, 1.898	9.544, 9.544	5.721, 4.256	NA, NA	0.006, 0.005	0.006, 0.005
	SD, SE	NA, NA	NA, NA	5.4065, 3.8230	NA, NA	0.0007, 0.0005	0.0007, 0.0005
	MEDIAN	1.898	9.544	5.721	NA	0.006	0.006
	MIN, MAX	1.898, 1.898	9.544, 9.544	1.898, 9.544	NA, NA	0.005, 0.006	0.005, 0.006
	5%, 95%	NA, NA	NA, NA	1.898, 9.544	NA, NA	0.005, 0.006	0.005, 0.006
	BLQ Values Included	0	0	0	NA	0	0
\$40,000 to \$49,999	N	0	1	1	0	1	1
	MEAN, GEO MEAN	NA, NA	2.455, 2.455	2.455, 2.455	NA, NA	0.002, 0.002	0.002, 0.002
	SD, SE	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
	MEDIAN	NA	2.455	2.455	NA	0.002	0.002
	MIN, MAX	NA, NA	2.455, 2.455	2.455, 2.455	NA, NA	0.002, 0.002	0.002, 0.002
	5%, 95%	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
	BLQ Values Included	NA	0	0	NA	0	0
\$50,000 or more	N	0	1	1	0	0	0
	MEAN, GEO MEAN	NA, NA	1.796, 1.796	1.796, 1.796	NA, NA	NA, NA	NA, NA
	SD, SE	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
	MEDIAN	NA	1.796	1.796	NA	NA	NA
	MIN, MAX	NA, NA	1.796, 1.796	1.796, 1.796	NA, NA	NA, NA	NA, NA
	5%, 95%	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
	BLQ Values Included	NA	0	0	NA	NA	NA

TABLE 14.4-11
DESCRIPTIVE STATISTICS OF 24-HOUR URINE BIOMARKERS OF EXPOSURE BY TIMEPOINT FOR DEMOGRAPHIC CHARACTERISTIC: ANNUAL HOUSEHOLD INCOME
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Lab: INBIFO
Biomarker: Free 3-hydroxycotinine (ug/mg Creatinin)
Timepoint: Overall*

Characteristic	Statistic	Smokers			Non-Smokers		
		Male	Female	Overall	Male	Female	Overall
\$19,999 or less	N	1	0	1	2	0	2
	MEAN, GEO MEAN	2.673, 2.673	NA, NA	2.673, 2.673	0.003, 0.003	NA, NA	0.003, 0.003
	SD, SE	NA, NA	NA, NA	NA, NA	0.0000, 0.0000	NA, NA	0.0000, 0.0000
	MEDIAN	2.673	NA	2.673	0.003	NA	0.003
	MIN, MAX	2.673, 2.673	NA, NA	2.673, 2.673	0.003, 0.003	NA, NA	0.003, 0.003
	5%, 95%	NA, NA	NA, NA	NA, NA	0.003, 0.003	NA, NA	0.003, 0.003
\$20,000 to \$39,999	N	1	1	2	0	3	3
	MEAN, GEO MEAN	1.761, 1.761	11.188, 11.188	6.475, 4.439	NA, NA	0.005, 0.004	0.005, 0.004
	SD, SE	NA, NA	NA, NA	6.6659, 4.7135	NA, NA	0.0015, 0.0009	0.0015, 0.0009
	MEDIAN	1.761	11.188	6.475	NA	0.005	0.005
	MIN, MAX	1.761, 1.761	11.188, 11.188	1.761, 11.188	NA, NA	0.003, 0.006	0.003, 0.006
	5%, 95%	NA, NA	NA, NA	1.761, 11.188	NA, NA	0.003, 0.006	0.003, 0.006
\$40,000 to \$49,999	N	0	1	1	0	1	1
	MEAN, GEO MEAN	NA, NA	3.171, 3.171	3.171, 3.171	NA, NA	0.002, 0.002	0.002, 0.002
	SD, SE	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
	MEDIAN	NA	3.171	3.171	NA	0.002	0.002
	MIN, MAX	NA, NA	3.171, 3.171	3.171, 3.171	NA, NA	0.002, 0.002	0.002, 0.002
	5%, 95%	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
\$50,000 or more	N	1	1	2	2	0	2
	MEAN, GEO MEAN	3.872, 3.872	2.313, 2.313	3.093, 2.993	0.002, 0.001	NA, NA	0.002, 0.001
	SD, SE	NA, NA	NA, NA	1.1024, 0.7795	0.0007, 0.0005	NA, NA	0.0007, 0.0005
	MEDIAN	3.872	2.313	3.093	0.002	NA	0.002
	MIN, MAX	3.872, 3.872	2.313, 2.313	2.313, 3.872	0.001, 0.002	NA, NA	0.001, 0.002
	5%, 95%	NA, NA	NA, NA	2.313, 3.872	0.001, 0.002	NA, NA	0.001, 0.002

* Overall values calculated by first averaging the results across visits within a subject, then calculating the descriptive statistics across subjects. Count of BLQ values does not apply as the BLQ values were converted to the upper limit of the BLQ (e.g., '<1.234' will be used as '1.234') for the averages across visits within a subject thus eliminating all BLQ values for the overall statistics.

TABLE 14.4-11
DESCRIPTIVE STATISTICS OF 24-HOUR URINE BIOMARKERS OF EXPOSURE BY TIMEPOINT FOR DEMOGRAPHIC CHARACTERISTIC: ANNUAL HOUSEHOLD INCOME
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Lab: INBIFO
Biomarker: Nicotine Glucuronide (nmol/L)
Timepoint: Week 1

Characteristic	Statistic	Smokers			Non-Smokers		
		Male	Female	Overall	Male	Female	Overall
\$19,999 or less	N	1	0	1	1	0	1
	MEAN, GEO MEAN	8373.6, 8373.6	NA, NA	8373.6, 8373.6	9.3, 9.3	NA, NA	9.3, 9.3
	SD, SE	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
	MEDIAN	8373.6	NA	8373.6	9.3	NA	9.3
	MIN, MAX	8373.6, 8373.6	NA, NA	8373.6, 8373.6	9.3, 9.3	NA, NA	9.3, 9.3
	5%, 95%	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
	BLQ Values Included	0	NA	0	1	NA	1
\$20,000 to \$39,999	N	1	1	2	0	0	0
	MEAN, GEO MEAN	403.4, 403.4	1112.1, 1112.1	757.8, 669.8	NA, NA	NA, NA	NA, NA
	SD, SE	NA, NA	NA, NA	501.13, 354.35	NA, NA	NA, NA	NA, NA
	MEDIAN	403.4	1112.1	757.8	NA	NA	NA
	MIN, MAX	403.4, 403.4	1112.1, 1112.1	403.4, 1112.1	NA, NA	NA, NA	NA, NA
	5%, 95%	NA, NA	NA, NA	403.4, 1112.1	NA, NA	NA, NA	NA, NA
	BLQ Values Included	0	0	0	NA	NA	NA
\$40,000 to \$49,999	N	0	1	1	0	1	1
	MEAN, GEO MEAN	NA, NA	2337.4, 2337.4	2337.4, 2337.4	NA, NA	9.3, 9.3	9.3, 9.3
	SD, SE	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
	MEDIAN	NA	2337.4	2337.4	NA	9.3	9.3
	MIN, MAX	NA, NA	2337.4, 2337.4	2337.4, 2337.4	NA, NA	9.3, 9.3	9.3, 9.3
	5%, 95%	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
	BLQ Values Included	NA	0	0	NA	1	1
\$50,000 or more	N	1	1	2	0	0	0
	MEAN, GEO MEAN	2052.5, 2052.5	1331.9, 1331.9	1692.2, 1653.4	NA, NA	NA, NA	NA, NA
	SD, SE	NA, NA	NA, NA	509.54, 360.30	NA, NA	NA, NA	NA, NA
	MEDIAN	2052.5	1331.9	1692.2	NA	NA	NA
	MIN, MAX	2052.5, 2052.5	1331.9, 1331.9	1331.9, 2052.5	NA, NA	NA, NA	NA, NA
	5%, 95%	NA, NA	NA, NA	1331.9, 2052.5	NA, NA	NA, NA	NA, NA
	BLQ Values Included	0	0	0	NA	NA	NA

TABLE 14.4-11
DESCRIPTIVE STATISTICS OF 24-HOUR URINE BIOMARKERS OF EXPOSURE BY TIMEPOINT FOR DEMOGRAPHIC CHARACTERISTIC: ANNUAL HOUSEHOLD INCOME
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Lab: INBIFO
Biomarker: Nicotine Glucuronide (nmol/L)
Timepoint: Week 2

Characteristic	Statistic	Smokers			Non-Smokers		
		Male	Female	Overall	Male	Female	Overall
\$19,999 or less	N	1	0	1	0	0	0
	MEAN, GEO MEAN	6965.8, 6965.8	NA, NA	6965.8, 6965.8	NA, NA	NA, NA	NA, NA
	SD, SE	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
	MEDIAN	6965.8	NA	6965.8	NA	NA	NA
	MIN, MAX	6965.8, 6965.8	NA, NA	6965.8, 6965.8	NA, NA	NA, NA	NA, NA
	5%, 95%	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
	BLQ Values Included	0	NA	0	NA	NA	NA
\$20,000 to \$39,999	N	1	1	2	0	1	1
	MEAN, GEO MEAN	1556.0, 1556.0	1145.6, 1145.6	1350.8, 1335.1	NA, NA	9.3, 9.3	9.3, 9.3
	SD, SE	NA, NA	NA, NA	290.20, 205.20	NA, NA	NA, NA	NA, NA
	MEDIAN	1556.0	1145.6	1350.8	NA	9.3	9.3
	MIN, MAX	1556.0, 1556.0	1145.6, 1145.6	1145.6, 1556.0	NA, NA	9.3, 9.3	9.3, 9.3
	5%, 95%	NA, NA	NA, NA	1145.6, 1556.0	NA, NA	NA, NA	NA, NA
	BLQ Values Included	0	0	0	NA	1	1
\$40,000 to \$49,999	N	0	1	1	0	1	1
	MEAN, GEO MEAN	NA, NA	2432.9, 2432.9	2432.9, 2432.9	NA, NA	46.0, 46.0	46.0, 46.0
	SD, SE	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
	MEDIAN	NA	2432.9	2432.9	NA	46.0	46.0
	MIN, MAX	NA, NA	2432.9, 2432.9	2432.9, 2432.9	NA, NA	46.0, 46.0	46.0, 46.0
	5%, 95%	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
	BLQ Values Included	NA	0	0	NA	1	1
\$50,000 or more	N	1	1	2	0	0	0
	MEAN, GEO MEAN	3518.6, 3518.6	1648.3, 1648.3	2583.5, 2408.3	NA, NA	NA, NA	NA, NA
	SD, SE	NA, NA	NA, NA	1322.50, 935.15	NA, NA	NA, NA	NA, NA
	MEDIAN	3518.6	1648.3	2583.5	NA	NA	NA
	MIN, MAX	3518.6, 3518.6	1648.3, 1648.3	1648.3, 3518.6	NA, NA	NA, NA	NA, NA
	5%, 95%	NA, NA	NA, NA	1648.3, 3518.6	NA, NA	NA, NA	NA, NA
	BLQ Values Included	0	0	0	NA	NA	NA

TABLE 14.4-11
DESCRIPTIVE STATISTICS OF 24-HOUR URINE BIOMARKERS OF EXPOSURE BY TIMEPOINT FOR DEMOGRAPHIC CHARACTERISTIC: ANNUAL HOUSEHOLD INCOME
(Page 240 of 7)

Lab: INBIFO
Biomarker: Nicotine Glucuronide (nmol/L)
Timepoint: Week 3

Characteristic	Statistic	Smokers			Non-Smokers		
		Male	Female	Overall	Male	Female	Overall
\$19,999 or less	N	1	0	1	1	0	1
	MEAN, GEO MEAN	3839.2, 3839.2	NA, NA	3839.2, 3839.2	9.3, 9.3	NA, NA	9.3, 9.3
	SD, SE	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
	MEDIAN	3839.2	NA	3839.2	9.3	NA	9.3
	MIN, MAX	3839.2, 3839.2	NA, NA	3839.2, 3839.2	9.3, 9.3	NA, NA	9.3, 9.3
	5%, 95%	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
	BLQ Values Included	0	NA	0	1	NA	1
\$20,000 to \$39,999	N	1	1	2	0	1	1
	MEAN, GEO MEAN	432.7, 432.7	1281.4, 1281.4	857.1, 744.6	NA, NA	9.3, 9.3	9.3, 9.3
	SD, SE	NA, NA	NA, NA	600.12, 424.35	NA, NA	NA, NA	NA, NA
	MEDIAN	432.7	1281.4	857.1	NA	9.3	9.3
	MIN, MAX	432.7, 432.7	1281.4, 1281.4	432.7, 1281.4	NA, NA	9.3, 9.3	9.3, 9.3
	5%, 95%	NA, NA	NA, NA	432.7, 1281.4	NA, NA	NA, NA	NA, NA
	BLQ Values Included	0	0	0	NA	1	1
\$40,000 to \$49,999	N	0	1	1	0	1	1
	MEAN, GEO MEAN	NA, NA	2400.6, 2400.6	2400.6, 2400.6	NA, NA	9.3, 9.3	9.3, 9.3
	SD, SE	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
	MEDIAN	NA	2400.6	2400.6	NA	9.3	9.3
	MIN, MAX	NA, NA	2400.6, 2400.6	2400.6, 2400.6	NA, NA	9.3, 9.3	9.3, 9.3
	5%, 95%	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
	BLQ Values Included	NA	0	0	NA	1	1
\$50,000 or more	N	0	1	1	1	0	1
	MEAN, GEO MEAN	NA, NA	1299.6, 1299.6	1299.6, 1299.6	9.3, 9.3	NA, NA	9.3, 9.3
	SD, SE	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
	MEDIAN	NA	1299.6	1299.6	9.3	NA	9.3
	MIN, MAX	NA, NA	1299.6, 1299.6	1299.6, 1299.6	9.3, 9.3	NA, NA	9.3, 9.3
	5%, 95%	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
	BLQ Values Included	NA	0	0	1	NA	1

TABLE 14.4-11
DESCRIPTIVE STATISTICS OF 24-HOUR URINE BIOMARKERS OF EXPOSURE BY TIMEPOINT FOR DEMOGRAPHIC CHARACTERISTIC: ANNUAL HOUSEHOLD INCOME
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Lab: INDIPO
Biomarker: Nicotine Glucuronide (nmol/L)
Timepoint: Overall*

Characteristic	Statistic	Smokers			Non-Smokers		
		Male	Female	Overall	Male	Female	Overall
\$19,999 or less	N	1	0	1	2	0	2
	MEAN, GEO MEAN	6392.9, 6392.9	NA, NA	6392.9, 6392.9	9.3, 9.3	NA, NA	9.3, 9.3
	SD, SE	NA, NA	NA, NA	NA, NA	0.00, 0.00	NA, NA	0.00, 0.00
	MEDIAN	6392.9	NA	6392.9	9.3	NA	9.3
	MIN, MAX	6392.9, 6392.9	NA, NA	6392.9, 6392.9	9.3, 9.3	NA, NA	9.3, 9.3
	5%, 95%	NA, NA	NA, NA	NA, NA	9.3, 9.3	NA, NA	9.3, 9.3
\$20,000 to \$39,999	N	1	1	2	0	2	2
	MEAN, GEO MEAN	797.4, 797.4	1179.7, 1179.7	988.6, 969.9	NA, NA	9.3, 9.3	9.3, 9.3
	SD, SE	NA, NA	NA, NA	270.33, 191.15	NA, NA	0.00, 0.00	0.00, 0.00
	MEDIAN	797.4	1179.7	988.6	NA	9.3	9.3
	MIN, MAX	797.4, 797.4	1179.7, 1179.7	797.4, 1179.7	NA, NA	9.3, 9.3	9.3, 9.3
	5%, 95%	NA, NA	NA, NA	797.4, 1179.7	NA, NA	9.3, 9.3	9.3, 9.3
\$40,000 to \$49,999	N	0	1	1	0	1	1
	MEAN, GEO MEAN	NA, NA	2390.3, 2390.3	2390.3, 2390.3	NA, NA	21.5, 21.5	21.5, 21.5
	SD, SE	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
	MEDIAN	NA	2390.3	2390.3	NA	21.5	21.5
	MIN, MAX	NA, NA	2390.3, 2390.3	2390.3, 2390.3	NA, NA	21.5, 21.5	21.5, 21.5
	5%, 95%	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
\$50,000 or more	N	1	1	2	1	0	1
	MEAN, GEO MEAN	2785.6, 2785.6	1426.6, 1426.6	2106.1, 1993.5	9.3, 9.3	NA, NA	9.3, 9.3
	SD, SE	NA, NA	NA, NA	960.96, 679.50	NA, NA	NA, NA	NA, NA
	MEDIAN	2785.6	1426.6	2106.1	9.3	NA	9.3
	MIN, MAX	2785.6, 2785.6	1426.6, 1426.6	1426.6, 2785.6	9.3, 9.3	NA, NA	9.3, 9.3
	5%, 95%	NA, NA	NA, NA	1426.6, 2785.6	NA, NA	NA, NA	NA, NA

* Overall values calculated by first averaging the results across visits within a subject, then calculating the descriptive statistics across subjects. Count of BLQ values does not apply as the BLQ values were converted to the upper limit of the BLQ (e.g., '<1.234' will be used as '1.234') for the averages across visits within a subject thus eliminating all BLQ values for the overall statistics.

TABLE 14.4-11
DESCRIPTIVE STATISTICS OF 24-HOUR URINE BIOMARKERS OF EXPOSURE BY TIMEPOINT FOR DEMOGRAPHIC CHARACTERISTIC: ANNUAL HOUSEHOLD INCOME
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Lab: INBIFO
Biomarker: Nicotine Glucuronide (nmol/24hr)
Timepoint: Week 1

Characteristic	Statistic	Smokers			Non-Smokers		
		Male	Female	Overall	Male	Female	Overall
\$19,999 or less	N	1	0	1	1	0	1
	MEAN, GEO MEAN	7285.030, 7285.030	NA, NA	7285.030, 7285.030	27.900, 27.900	NA, NA	27.900, 27.900
	SD, SE	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
	MEDIAN	7285.030	NA	7285.030	27.900	NA	27.900
	MIN, MAX	7285.032, 7285.032	NA, NA	7285.032, 7285.032	27.900, 27.900	NA, NA	27.900, 27.900
	5%, 95%	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
\$20,000 to \$39,999	BLQ Values Included	0	NA	0	1	NA	1
	N	1	1	2	0	0	0
	MEAN, GEO MEAN	548.624, 548.624	3225.090, 3225.090	1886.860, 1330.170	NA, NA	NA, NA	NA, NA
	SD, SE	NA, NA	NA, NA	1892.5500, 1338.2300	NA, NA	NA, NA	NA, NA
	MEDIAN	548.624	3225.090	1886.860	NA	NA	NA
	MIN, MAX	548.624, 548.624	3225.090, 3225.090	548.624, 3225.090	NA, NA	NA, NA	NA, NA
\$40,000 to \$49,999	5%, 95%	NA, NA	NA, NA	548.624, 3225.090	NA, NA	NA, NA	NA, NA
	BLQ Values Included	0	0	0	NA	NA	NA
	N	0	1	1	0	1	1
	MEAN, GEO MEAN	NA, NA	5726.630, 5726.630	5726.630, 5726.630	NA, NA	11.160, 11.160	11.160, 11.160
	SD, SE	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
	MEDIAN	NA	5726.630	5726.630	NA	11.160	11.160
\$50,000 or more	MIN, MAX	NA, NA	5726.630, 5726.630	5726.630, 5726.630	NA, NA	11.160, 11.160	11.160, 11.160
	5%, 95%	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
	BLQ Values Included	NA	0	0	NA	1	1
	N	1	1	2	0	0	0
	MEAN, GEO MEAN	3304.530, 3304.530	2237.590, 2237.590	2771.060, 2719.220	NA, NA	NA, NA	NA, NA
	SD, SE	NA, NA	NA, NA	754.4360, 533.4670	NA, NA	NA, NA	NA, NA
\$50,000 or more	MEDIAN	3304.530	2237.590	2771.060	NA	NA	NA
	MIN, MAX	3304.525, 3304.525	2237.592, 2237.592	2237.592, 3304.525	NA, NA	NA, NA	NA, NA
	5%, 95%	NA, NA	NA, NA	2237.590, 3304.530	NA, NA	NA, NA	NA, NA
	BLQ Values Included	0	0	0	NA	NA	NA

TABLE 14.4-11
DESCRIPTIVE STATISTICS OF 24-HOUR URINE BIOMARKERS OF EXPOSURE BY TIMEPOINT FOR DEMOGRAPHIC CHARACTERISTIC: ANNUAL HOUSEHOLD INCOME
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Lab: INBIFO
Biomarker: Nicotine Glucuronide (nmol/24hr)
Timepoint: Week 2

Characteristic	Statistic	Smokers			Non-Smokers		
		Male	Female	Overall	Male	Female	Overall
\$19,999 or less	N	1	0	1	0	0	0
	MEAN, GEO MEAN	6478.190, 6478.190	NA, NA	6478.190, 6478.190	NA, NA	NA, NA	NA, NA
	SD, SE	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
	MEDIAN	6478.190	NA	6478.190	NA	NA	NA
	MIN, MAX	6478.194, 6478.194	NA, NA	6478.194, 6478.194	NA, NA	NA, NA	NA, NA
	5%, 95%	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
\$20,000 to \$39,999	BLQ Values Included	0	NA	0	NA	NA	NA
	N	1	1	2	0	1	1
	MEAN, GEO MEAN	2816.360, 2816.360	3551.360, 3551.360	3183.860, 3162.580	NA, NA	31.620, 31.620	31.620, 31.620
	SD, SE	NA, NA	NA, NA	519.7230, 367.5000	NA, NA	NA, NA	NA, NA
	MEDIAN	2816.360	3551.360	3183.860	NA	31.620	31.620
	MIN, MAX	2816.360, 2816.360	3551.360, 3551.360	2816.360, 3551.360	NA, NA	31.620, 31.620	31.620, 31.620
\$40,000 to \$49,999	5%, 95%	NA, NA	NA, NA	2816.360, 3551.360	NA, NA	NA, NA	NA, NA
	BLQ Values Included	0	0	0	NA	1	1
	N	0	1	1	0	1	1
	MEAN, GEO MEAN	NA, NA	5230.740, 5230.740	5230.740, 5230.740	NA, NA	47.840, 47.840	47.840, 47.840
	SD, SE	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
	MEDIAN	NA	5230.740	5230.740	NA	47.840	47.840
\$50,000 or more	MIN, MAX	NA, NA	5230.735, 5230.735	5230.735, 5230.735	NA, NA	47.840, 47.840	47.840, 47.840
	5%, 95%	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
	BLQ Values Included	NA	0	0	NA	1	1
	N	1	1	2	0	0	0
	MEAN, GEO MEAN	3624.160, 3624.160	3263.630, 3263.630	3443.900, 3439.180	NA, NA	NA, NA	NA, NA
	SD, SE	NA, NA	NA, NA	254.9290, 180.2620	NA, NA	NA, NA	NA, NA
\$50,000 or more	MEDIAN	3624.160	3263.630	3443.900	NA	NA	NA
	MIN, MAX	3624.158, 3624.158	3263.634, 3263.634	3263.634, 3624.158	NA, NA	NA, NA	NA, NA
	5%, 95%	NA, NA	NA, NA	3263.630, 3624.160	NA, NA	NA, NA	NA, NA
	BLQ Values Included	0	0	0	NA	NA	NA

TABLE 14.4-11
DESCRIPTIVE STATISTICS OF 24-HOUR URINE BIOMARKERS OF EXPOSURE BY TIMEPOINT FOR DEMOGRAPHIC CHARACTERISTIC: ANNUAL HOUSEHOLD INCOME
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Lab: INBIPO
Biomarker: Nicotine Glucuronide (nmol/24hr)
Timepoint: Week 3

Characteristic	Statistic	Smokers			Non-Smokers		
		Male	Female	Overall	Male	Female	Overall
\$19,999 or less	N	1	0	1	1	0	1
	MEAN, GEO MEAN	5950.760, 5950.760	NA, NA	5950.760, 5950.760	19.195, 19.195	NA, NA	19.195, 19.195
	SD, SE	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
	MEDIAN	5950.760	NA	5950.760	19.195	NA	19.195
	MIN, MAX	5950.760, 5950.760	NA, NA	5950.760, 5950.760	19.195, 19.195	NA, NA	19.195, 19.195
	5%, 95%	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
	BLQ Values Included	0	NA	0	1	NA	1
\$20,000 to \$39,999	N	1	1	2	0	1	1
	MEAN, GEO MEAN	597.126, 597.126	3139.430, 3139.430	1868.280, 1369.170	NA, NA	29.760, 29.760	29.760, 29.760
	SD, SE	NA, NA	NA, NA	1797.6800, 1271.1500	NA, NA	NA, NA	NA, NA
	MEDIAN	597.126	3139.430	1868.280	NA	29.760	29.760
	MIN, MAX	597.126, 597.126	3139.430, 3139.430	597.126, 3139.430	NA, NA	29.760, 29.760	29.760, 29.760
	5%, 95%	NA, NA	NA, NA	597.126, 3139.430	NA, NA	NA, NA	NA, NA
	BLQ Values Included	0	0	0	NA	1	1
\$40,000 to \$49,999	N	0	1	1	0	1	1
	MEAN, GEO MEAN	NA, NA	5161.290, 5161.290	5161.290, 5161.290	NA, NA	11.718, 11.718	11.718, 11.718
	SD, SE	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
	MEDIAN	NA	5161.290	5161.290	NA	11.718	11.718
	MIN, MAX	NA, NA	5161.290, 5161.290	5161.290, 5161.290	NA, NA	11.718, 11.718	11.718, 11.718
	5%, 95%	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
	BLQ Values Included	NA	0	0	NA	1	1
\$50,000 or more	N	0	1	1	1	0	1
	MEAN, GEO MEAN	NA, NA	2040.370, 2040.370	2040.370, 2040.370	16.740, 16.740	NA, NA	16.740, 16.740
	SD, SE	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
	MEDIAN	NA	2040.370	2040.370	16.740	NA	16.740
	MIN, MAX	NA, NA	2040.372, 2040.372	2040.372, 2040.372	16.740, 16.740	NA, NA	16.740, 16.740
	5%, 95%	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
	BLQ Values Included	NA	0	0	1	NA	1

TABLE 14.4-11
DESCRIPTIVE STATISTICS OF 24-HOUR URINE BIOMARKERS OF EXPOSURE BY TIMEPOINT FOR DEMOGRAPHIC CHARACTERISTIC: ANNUAL HOUSEHOLD INCOME
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Lab: INBIFO
Biomarker: Nicotine Glucuronide (nmol/24hr)
Timepoint: Overall*

Characteristic	Statistic	Smokers			Non-Smokers		
		Male	Female	Overall	Male	Female	Overall
\$19,999 or less	N	1	0	1	2	0	2
	MEAN, GEO MEAN	6571.330, 6571.330	NA, NA	6571.330, 6571.330	23.548, 23.142	NA, NA	23.548, 23.142
	SD, SE	NA, NA	NA, NA	NA, NA	6.1554, 4.3525	NA, NA	6.1554, 4.3525
	MEDIAN	6571.330	NA	6571.330	23.548	NA	23.548
	MIN, MAX	6571.330, 6571.330	NA, NA	6571.330, 6571.330	19.195, 27.900	NA, NA	19.195, 27.900
	5%, 95%	NA, NA	NA, NA	NA, NA	19.195, 27.900	NA, NA	19.195, 27.900
\$20,000 to \$39,999	N	1	1	2	0	2	2
	MEAN, GEO MEAN	1320.700, 1320.700	3305.290, 3305.290	2313.000, 2089.330	NA, NA	30.690, 30.676	30.690, 30.676
	SD, SE	NA, NA	NA, NA	1403.3200, 992.2950	NA, NA	1.3152, 0.9300	1.3152, 0.9300
	MEDIAN	1320.700	3305.290	2313.000	NA	30.690	30.690
	MIN, MAX	1320.700, 1320.700	3305.290, 3305.290	1320.700, 3305.290	NA, NA	29.760, 31.620	29.760, 31.620
	5%, 95%	NA, NA	NA, NA	1320.700, 3305.290	NA, NA	29.760, 31.620	29.760, 31.620
\$40,000 to \$49,999	N	0	1	1	0	1	1
	MEAN, GEO MEAN	NA, NA	5372.890, 5372.890	5372.890, 5372.890	NA, NA	23.573, 23.573	23.573, 23.573
	SD, SE	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
	MEDIAN	NA	5372.890	5372.890	NA	23.573	23.573
	MIN, MAX	NA, NA	5372.890, 5372.890	5372.890, 5372.890	NA, NA	23.573, 23.573	23.573, 23.573
	5%, 95%	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
\$50,000 or more	N	1	1	2	1	0	1
	MEAN, GEO MEAN	3464.340, 3464.340	2513.870, 2513.870	2989.110, 2951.080	16.740, 16.740	NA, NA	16.740, 16.740
	SD, SE	NA, NA	NA, NA	672.0840, 475.2350	NA, NA	NA, NA	NA, NA
	MEDIAN	3464.340	2513.870	2989.110	16.740	NA	16.740
	MIN, MAX	3464.340, 3464.340	2513.870, 2513.870	2513.870, 3464.340	16.740, 16.740	NA, NA	16.740, 16.740
	5%, 95%	NA, NA	NA, NA	2513.870, 3464.340	NA, NA	NA, NA	NA, NA

* Overall values calculated by first averaging the results across visits within a subject, then calculating the descriptive statistics across subjects. Count of BLQ values does not apply as the BLQ values were converted to the upper limit of the BLQ (e.g., '<1.234' will be used as '1.234') for the averages across visits within a subject (thus eliminating all BLQ values for the overall statistics).

TABLE 14.4-11
DESCRIPTIVE STATISTICS OF 24-HOUR URINE BIOMARKERS OF EXPOSURE BY TIMEPOINT FOR DEMOGRAPHIC CHARACTERISTIC: ANNUAL HOUSEHOLD INCOME
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Lab: INBIFO
Biomarker: Nicotine Gluronide (nmol/mg Creatin)
Timepoint: Week 1

Characteristic	Statistic	Smokers			Non-Smokers		
		Male	Female	Overall	Male	Female	Overall
\$19,999 or less	N	1	0	1	1	0	1
	MEAN, GEO MEAN	5.118, 5.118	NA, NA	5.118, 5.118	0.011, 0.011	NA, NA	0.011, 0.011
	SD, SE	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
	MEDIAN	5.118	NA	5.118	0.011	NA	0.011
	MIN, MAX	5.118, 5.118	NA, NA	5.118, 5.118	0.011, 0.011	NA, NA	0.011, 0.011
	5%, 95%	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
\$20,000 to \$39,999	BLQ Values Included	0	NA	0	1	NA	1
	N	1	1	2	0	0	0
	MEAN, GEO MEAN	0.452, 0.452	3.809, 3.809	2.131, 1.312	NA, NA	NA, NA	NA, NA
	SD, SE	NA, NA	NA, NA	2.3738, 1.6785	NA, NA	NA, NA	NA, NA
	MEDIAN	0.452	3.809	2.131	NA	NA	NA
	MIN, MAX	0.452, 0.452	3.809, 3.809	0.452, 3.809	NA, NA	NA, NA	NA, NA
\$40,000 to \$49,999	5%, 95%	NA, NA	NA, NA	0.452, 3.809	NA, NA	NA, NA	NA, NA
	BLQ Values Included	0	0	0	NA	NA	NA
	N	0	1	1	0	1	1
	MEAN, GEO MEAN	NA, NA	4.079, 4.079	4.079, 4.079	NA, NA	0.014, 0.014	0.014, 0.014
	SD, SE	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
	MEDIAN	NA	4.079	4.079	NA	0.014	0.014
\$50,000 or more	MIN, MAX	NA, NA	4.079, 4.079	4.079, 4.079	NA, NA	0.014, 0.014	0.014, 0.014
	5%, 95%	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
	BLQ Values Included	NA	0	0	NA	1	1
	N	1	1	2	0	0	0
	MEAN, GEO MEAN	1.864, 1.864	1.179, 1.179	1.522, 1.482	NA, NA	NA, NA	NA, NA
	SD, SE	NA, NA	NA, NA	0.4844, 0.3425	NA, NA	NA, NA	NA, NA
	MEDIAN	1.864	1.179	1.522	NA	NA	NA
	MIN, MAX	1.864, 1.864	1.179, 1.179	1.179, 1.864	NA, NA	NA, NA	NA, NA
	5%, 95%	NA, NA	NA, NA	1.179, 1.864	NA, NA	NA, NA	NA, NA
	BLQ Values Included	0	0	0	NA	NA	NA

TABLE 14.4-11
DESCRIPTIVE STATISTICS OF 24-HOUR URINE BIOMARKERS OF EXPOSURE BY TIMEPOINT FOR DEMOGRAPHIC CHARACTERISTIC: ANNUAL HOUSEHOLD INCOME
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Lab: INBIFO
Biomarker: Nicotine Glucuronide (nmol/mg Creatin)
Timepoint: Week 2

Characteristic	Statistic	Smokers			Non-Smokers		
		Male	Female	Overall	Male	Female	Overall
\$19,999 or less	N	1	0	1	0	0	0
	MEAN, GEO MEAN	5.839, 5.839	NA, NA	5.839, 5.839	NA, NA	NA, NA	NA, NA
	SD, SE	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
	MEDIAN	5.839	NA	5.839	NA	NA	NA
	MIN, MAX	5.839, 5.839	NA, NA	5.839, 5.839	NA, NA	NA, NA	NA, NA
	5%, 95%	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
	BLQ Values Included	0	NA	0	NA	NA	NA
\$20,000 to \$39,999	N	1	1	2	0	1	1
	MEAN, GEO MEAN	2.941, 2.941	3.614, 3.614	3.278, 3.260	NA, NA	0.033, 0.033	0.033, 0.033
	SD, SE	NA, NA	NA, NA	0.4759, 0.3365	NA, NA	NA, NA	NA, NA
	MEDIAN	2.941	3.614	3.278	NA	0.033	0.033
	MIN, MAX	2.941, 2.941	3.614, 3.614	2.941, 3.614	NA, NA	0.033, 0.033	0.033, 0.033
	5%, 95%	NA, NA	NA, NA	2.941, 3.614	NA, NA	NA, NA	NA, NA
	BLQ Values Included	0	0	0	NA	1	1
\$40,000 to \$49,999	N	0	1	1	0	1	1
	MEAN, GEO MEAN	NA, NA	3.310, 3.310	3.310, 3.310	NA, NA	0.039, 0.039	0.039, 0.039
	SD, SE	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
	MEDIAN	NA	3.310	3.310	NA	0.039	0.039
	MIN, MAX	NA, NA	3.310, 3.310	3.310, 3.310	NA, NA	0.039, 0.039	0.039, 0.039
	5%, 95%	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
	BLQ Values Included	NA	0	0	NA	1	1
\$50,000 or more	N	1	1	2	0	0	0
	MEAN, GEO MEAN	2.369, 2.369	1.972, 1.972	2.171, 2.161	NA, NA	NA, NA	NA, NA
	SD, SE	NA, NA	NA, NA	0.2807, 0.1985	NA, NA	NA, NA	NA, NA
	MEDIAN	2.369	1.972	2.171	NA	NA	NA
	MIN, MAX	2.369, 2.369	1.972, 1.972	1.972, 2.369	NA, NA	NA, NA	NA, NA
	5%, 95%	NA, NA	NA, NA	1.972, 2.369	NA, NA	NA, NA	NA, NA
	BLQ Values Included	0	0	0	NA	NA	NA

TABLE 14.4-11
DESCRIPTIVE STATISTICS OF 24-HOUR URINE BIOMARKERS OF EXPOSURE BY TIMEPOINT FOR DEMOGRAPHIC CHARACTERISTIC: ANNUAL HOUSEHOLD INCOME
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Lab: INBIFO
Biomarker: Nicotine Glucuronide (nmol/mg Creatin)
Timepoint: Week 3

Characteristic	Statistic	Smokers			Non-Smokers		
		Male	Female	Overall	Male	Female	Overall
\$19,999 or less	N	1	0	1	1	0	1
	MEAN, GEO MEAN	4.805, 4.805	NA, NA	4.805, 4.805	0.011, 0.011	NA, NA	0.011, 0.011
	SD, SE	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
	MEDIAN	4.805	NA	4.805	0.011	NA	0.011
	MIN, MAX	4.805, 4.805	NA, NA	4.805, 4.805	0.011, 0.011	NA, NA	0.011, 0.011
	5%, 95%	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
	BLQ Values Included	0	NA	0	1	NA	1
\$20,000 to \$39,999	N	1	1	2	0	1	1
	MEAN, GEO MEAN	1.066, 1.066	3.022, 3.022	2.044, 1.795	NA, NA	0.021, 0.021	0.021, 0.021
	SD, SE	NA, NA	NA, NA	1.3831, 0.9780	NA, NA	NA, NA	NA, NA
	MEDIAN	1.066	3.022	2.044	NA	0.021	0.021
	MIN, MAX	1.066, 1.066	3.022, 3.022	1.066, 3.022	NA, NA	0.021, 0.021	0.021, 0.021
	5%, 95%	NA, NA	NA, NA	1.066, 3.022	NA, NA	NA, NA	NA, NA
	BLQ Values Included	0	0	0	NA	1	1
\$40,000 to \$49,999	N	0	1	1	0	1	1
	MEAN, GEO MEAN	NA, NA	4.929, 4.929	4.929, 4.929	NA, NA	0.009, 0.009	0.009, 0.009
	SD, SE	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
	MEDIAN	NA	4.929	4.929	NA	0.009	0.009
	MIN, MAX	NA, NA	4.929, 4.929	4.929, 4.929	NA, NA	0.009, 0.009	0.009, 0.009
	5%, 95%	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
	BLQ Values Included	NA	0	0	NA	1	1
\$50,000 or more	N	0	1	1	1	0	1
	MEAN, GEO MEAN	NA, NA	1.371, 1.371	1.371, 1.371	0.019, 0.019	NA, NA	0.019, 0.019
	SD, SE	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
	MEDIAN	NA	1.371	1.371	0.019	NA	0.019
	MIN, MAX	NA, NA	1.371, 1.371	1.371, 1.371	0.019, 0.019	NA, NA	0.019, 0.019
	5%, 95%	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
	BLQ Values Included	NA	0	0	1	NA	1

TABLE 14.4-11
DESCRIPTIVE STATISTICS OF 24-HOUR URINE BIOMARKERS OF EXPOSURE BY TIMEPOINT FOR DEMOGRAPHIC CHARACTERISTIC: ANNUAL HOUSEHOLD INCOME
(Page 249 of 7)

Lab: INBIFO

Biomarker: Nicotine Glucuronide (nmol/mg Creatin)

Timepoint: Overall¹

Characteristic	Statistic	Smokers			Non-Smokers		
		Male	Female	Overall	Male	Female	Overall
\$19,999 or less	N	1	0	1	2	0	2
	MEAN, GEO MEAN	5.254, 5.254	NA, NA	5.254, 5.254	0.011, 0.011	NA, NA	0.011, 0.011
	SD, SE	NA, NA	NA, NA	NA, NA	0.0000, 0.0000	NA, NA	0.0000, 0.0000
	MEDIAN	5.254	NA	5.254	0.011	NA	0.011
	MIN, MAX	5.254, 5.254	NA, NA	5.254, 5.254	0.011, 0.011	NA, NA	0.011, 0.011
	5%, 95%	NA, NA	NA, NA	NA, NA	0.011, 0.011	NA, NA	0.011, 0.011
\$20,000 to \$39,999	N	1	1	2	0	2	2
	MEAN, GEO MEAN	1.486, 1.486	3.482, 3.482	2.484, 2.275	NA, NA	0.027, 0.026	0.027, 0.026
	SD, SE	NA, NA	NA, NA	1.4114, 0.9980	NA, NA	0.0085, 0.0060	0.0085, 0.0060
	MEDIAN	1.486	3.482	2.484	NA	0.027	0.027
	MIN, MAX	1.486, 1.486	3.482, 3.482	1.486, 3.482	NA, NA	0.021, 0.033	0.021, 0.033
	5%, 95%	NA, NA	NA, NA	1.486, 3.482	NA, NA	0.021, 0.033	0.021, 0.033
\$40,000 to \$49,999	N	0	1	1	0	1	1
	MEAN, GEO MEAN	NA, NA	4.106, 4.106	4.106, 4.106	NA, NA	0.021, 0.021	0.021, 0.021
	SD, SE	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
	MEDIAN	NA	4.106	4.106	NA	0.021	0.021
	MIN, MAX	NA, NA	4.106, 4.106	4.106, 4.106	NA, NA	0.021, 0.021	0.021, 0.021
	5%, 95%	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
\$50,000 or more	N	1	1	2	1	0	1
	MEAN, GEO MEAN	2.117, 2.117	1.507, 1.507	1.812, 1.786	0.019, 0.019	NA, NA	0.019, 0.019
	SD, SE	NA, NA	NA, NA	0.4313, 0.3050	NA, NA	NA, NA	NA, NA
	MEDIAN	2.117	1.507	1.812	0.019	NA	0.019
	MIN, MAX	2.117, 2.117	1.507, 1.507	1.507, 2.117	0.019, 0.019	NA, NA	0.019, 0.019
	5%, 95%	NA, NA	NA, NA	1.507, 2.117	NA, NA	NA, NA	NA, NA

¹ Overall values calculated by first averaging the results across visits within a subject, then calculating the descriptive statistics across subjects. Count of BLQ values does not apply as the BLQ values were converted to the upper limit of the BLQ (e.g., '<1.234' will be used as '1.234') for the averages across visits within a subject thus eliminating all BLQ values for the overall statistics.

TABLE 14.4-11
DESCRIPTIVE STATISTICS OF 24-HOUR URINE BIOMARKERS OF EXPOSURE BY TIMEPOINT FOR DEMOGRAPHIC CHARACTERISTIC: ANNUAL HOUSEHOLD INCOME
(Page 250 of 7)

Lab: INBIFO
Biomarker: Cotinine Glucuronide (nmol/24hr)
Timepoint: Week 1

Characteristic	Statistic	Smokers			Non-Smokers		
		Male	Female	Overall	Male	Female	Overall
\$19,999 or less	N	1	0	1	1	0	1
	MEAN, GEO MEAN	24184.900, 24184.900	NA, NA	24184.900, 24184.900	23.700, 23.700	NA, NA	23.700, 23.700
	SD, SE	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
	MEDIAN	24184.900	NA	24184.900	23.700	NA	23.700
	MIN, MAX	24184.869, 24184.869	NA, NA	24184.869, 24184.869	23.700, 23.700	NA, NA	23.700, 23.700
	5%, 95%	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
\$20,000 to \$39,999	BLQ Values Included	0	NA	0	1	NA	1
	N	1	1	2	0	1	1
	MEAN, GEO MEAN	797.096, 797.096	10987.200, 10987.200	5892.160, 2959.370	NA, NA	25.343, 25.343	25.343, 25.343
	SD, SE	NA, NA	NA, NA	7205.5100, 5095.0700	NA, NA	NA, NA	NA, NA
	MEDIAN	797.096	10987.200	5892.160	NA	25.343	25.343
	MIN, MAX	797.096, 797.096	10987.230, 10987.230	797.096, 10987.230	NA, NA	25.343, 25.343	25.343, 25.343
\$40,000 to \$49,999	5%, 95%	NA, NA	NA, NA	797.096, 10987.200	NA, NA	NA, NA	NA, NA
	BLQ Values Included	0	0	0	NA	1	1
	N	0	1	1	0	1	1
	MEAN, GEO MEAN	NA, NA	20115.700, 20115.700	20115.700, 20115.700	NA, NA	9.480, 9.480	9.480, 9.480
	SD, SE	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
	MEDIAN	NA	20115.700	20115.700	NA	9.480	9.480
\$50,000 or more	MIN, MAX	NA, NA	20115.725, 20115.725	20115.725, 20115.725	NA, NA	9.480, 9.480	9.480, 9.480
	5%, 95%	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
	BLQ Values Included	NA	0	0	NA	1	1
	N	1	1	2	2	0	2
	MEAN, GEO MEAN	14233.800, 14233.800	10216.600, 10216.600	12225.200, 12059.100	13.904, 13.727	NA, NA	13.904, 13.727
	SD, SE	NA, NA	NA, NA	2840.6400, 2008.6300	3.1282, 2.2120	NA, NA	3.1282, 2.2120
\$50,000 or more	MEDIAN	14233.800	10216.600	12225.200	13.904	NA	13.904
	MIN, MAX	14233.849, 14233.849	10216.584, 10216.584	10216.584, 14233.849	11.692, 16.116	NA, NA	11.692, 16.116
	5%, 95%	NA, NA	NA, NA	10216.600, 14233.800	11.692, 16.116	NA, NA	11.692, 16.116
	BLQ Values Included	0	0	0	2	NA	2

TABLE 14.4-11
DESCRIPTIVE STATISTICS OF 24-HOUR URINE BIOMARKERS OF EXPOSURE BY TIMEPOINT FOR DEMOGRAPHIC CHARACTERISTIC: ANNUAL HOUSEHOLD INCOME
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Lab: INBIFO
Biomarker: Cotinine Glucuronide (nmol/24hr)
Timepoint: Week 2

Characteristic	Statistic	Smokers			Non-Smokers		
		Male	Female	Overall	Male	Female	Overall
\$19,999 or less	N	1	0	1	2	0	2
	MEAN, GEO MEAN	19683.300, 19683.300	NA, NA	19683.300, 19683.300	17.499, 16.980	NA, NA	17.499, 16.980
	SD, SE	NA, NA	NA, NA	NA, NA	5.9772, 4.2265	NA, NA	5.9772, 4.2265
	MEDIAN	19683.300	NA	19683.300	17.499	NA	17.499
	MIN, MAX	19683.264, 19683.264	NA, NA	19683.264, 19683.264	13.272, 21.725	NA, NA	13.272, 21.725
	5%, 95%	NA, NA	NA, NA	NA, NA	13.272, 21.725	NA, NA	13.272, 21.725
	BLQ Values Included	0	NA	0	2	NA	2
\$20,000 to \$39,999	N	1	1	2	0	2	2
	MEAN, GEO MEAN	2320.420, 2320.420	13037.400, 13037.400	7678.890, 5500.200	NA, NA	24.787, 24.700	24.787, 24.700
	SD, SE	NA, NA	NA, NA	7578.0200, 5358.4700	NA, NA	2.9324, 2.0735	2.9324, 2.0735
	MEDIAN	2320.420	13037.400	7678.890	NA	24.787	24.787
	MIN, MAX	2320.420, 2320.420	13037.360, 13037.360	2320.420, 13037.360	NA, NA	22.713, 26.860	22.713, 26.860
	5%, 95%	NA, NA	NA, NA	2320.420, 13037.400	NA, NA	22.713, 26.860	22.713, 26.860
	BLQ Values Included	0	0	0	NA	2	2
\$40,000 to \$49,999	N	0	1	1	0	1	1
	MEAN, GEO MEAN	NA, NA	18894.000, 18894.000	18894.000, 18894.000	NA, NA	8.216, 8.216	8.216, 8.216
	SD, SE	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
	MEDIAN	NA	18894.000	18894.000	NA	8.216	8.216
	MIN, MAX	NA, NA	18893.985, 18893.985	18893.985, 18893.985	NA, NA	8.216, 8.216	8.216, 8.216
	5%, 95%	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
	BLQ Values Included	NA	0	0	NA	1	1
\$50,000 or more	N	1	1	2	2	0	2
	MEAN, GEO MEAN	15906.200, 15906.200	9872.080, 9872.080	12889.100, 12531.000	18.091, 17.437	NA, NA	18.091, 17.437
	SD, SE	NA, NA	NA, NA	4266.7600, 3017.0500	6.8151, 4.8190	NA, NA	6.8151, 4.8190
	MEDIAN	15906.200	9872.080	12889.100	18.091	NA	18.091
	MIN, MAX	15906.187, 15906.187	9872.082, 9872.082	9872.082, 15906.187	13.272, 22.910	NA, NA	13.272, 22.910
	5%, 95%	NA, NA	NA, NA	9872.080, 15906.200	13.272, 22.910	NA, NA	13.272, 22.910
	BLQ Values Included	0	0	0	2	NA	2

TABLE 14.4-11
DESCRIPTIVE STATISTICS OF 24-HOUR URINE BIOMARKERS OF EXPOSURE BY TIMEPOINT FOR DEMOGRAPHIC CHARACTERISTIC: ANNUAL HOUSEHOLD INCOME
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Lab: INBIFO
Biomarker: Cotinine Glucuronide (nmol/24hr)
Timepoint: Week 3

Characteristic	Statistic	Smokers			Non-Smokers		
		Male	Female	Overall	Male	Female	Overall
\$19,999 or less	N	1	0	1	1	0	1
	MEAN, GEO MEAN	19365.900, 19365.900	NA, NA	19365.900, 19365.900	16.306, 16.306	NA, NA	16.306, 16.306
	SD, SE	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
	MEDIAN	19365.900	NA	19365.900	16.306	NA	16.306
	MIN, MAX	19365.855, 19365.855	NA, NA	19365.855, 19365.855	16.306, 16.306	NA, NA	16.306, 16.306
	5%, 95%	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
	BLQ Values Included	0	NA	0	1	NA	1
\$20,000 to \$39,999	N	1	1	2	0	2	2
	MEAN, GEO MEAN	339.066, 339.066	12845.600, 12845.600	6592.330, 2086.980	NA, NA	13.233, 13.133	13.233, 13.133
	SD, SE	NA, NA	NA, NA	8843.4500, 6253.2600	NA, NA	2.2903, 1.6195	2.2903, 1.6195
	MEDIAN	339.066	12845.600	6592.330	NA	13.233	13.233
	MIN, MAX	339.066, 339.066	12845.595, 12845.595	339.066, 12845.595	NA, NA	11.613, 14.852	11.613, 14.852
	5%, 95%	NA, NA	NA, NA	339.066, 12845.600	NA, NA	11.613, 14.852	11.613, 14.852
	BLQ Values Included	0	0	0	NA	2	2
\$40,000 to \$49,999	N	0	1	1	0	1	1
	MEAN, GEO MEAN	NA, NA	15246.700, 15246.700	15246.700, 15246.700	NA, NA	9.954, 9.954	9.954, 9.954
	SD, SE	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
	MEDIAN	NA	15246.700	15246.700	NA	9.954	9.954
	MIN, MAX	NA, NA	15246.725, 15246.725	15246.725, 15246.725	NA, NA	9.954, 9.954	9.954, 9.954
	5%, 95%	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
	BLQ Values Included	NA	0	0	NA	1	1
\$50,000 or more	N	0	1	1	2	0	2
	MEAN, GEO MEAN	NA, NA	7342.420, 7342.420	7342.420, 7342.420	18.565, 18.049	NA, NA	18.565, 18.049
	SD, SE	NA, NA	NA, NA	NA, NA	6.1448, 4.3450	NA, NA	6.1448, 4.3450
	MEDIAN	NA	7342.420	7342.420	18.565	NA	18.565
	MIN, MAX	NA, NA	7342.419, 7342.419	7342.419, 7342.419	14.220, 22.910	NA, NA	14.220, 22.910
	5%, 95%	NA, NA	NA, NA	NA, NA	14.220, 22.910	NA, NA	14.220, 22.910
	BLQ Values Included	NA	0	0	2	NA	2

TABLE 14.4-11
DESCRIPTIVE STATISTICS OF 24-HOUR URINE BIOMARKERS OF EXPOSURE BY TIMEPOINT FOR DEMOGRAPHIC CHARACTERISTIC: ANNUAL HOUSEHOLD INCOME
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Lab: INBIFO
Biomarker: Cotinine Glucuronide (nmol/24hr)
Timepoint: Overall^a

Characteristic	Statistic	Smokers			Non-Smokers		
		Male	Female	Overall	Male	Female	Overall
\$19,999 or less	N	1	0	1	2	0	2
	MEAN, GEO MEAN	21078.000, 21078.000	NA, NA	21078.000, 21078.000	18.751, 18.328	NA, NA	18.751, 18.328
	SD, SE	NA, NA	NA, NA	NA, NA	5.6031, 3.9620	NA, NA	5.6031, 3.9620
	MEDIAN	21078.000	NA	21078.000	18.751	NA	18.751
	MIN, MAX	21078.000, 21078.000	NA, NA	21078.000, 21078.000	14.789, 22.713	NA, NA	14.789, 22.713
	5%, 95%	NA, NA	NA, NA	NA, NA	14.789, 22.713	NA, NA	14.789, 22.713
\$20,000 to \$39,999	N	1	1	2	0	3	3
	MEAN, GEO MEAN	1152.190, 1152.190	12290.100, 12290.100	6721.150, 3763.050	NA, NA	18.832, 17.987	18.832, 17.987
	SD, SE	NA, NA	NA, NA	7875.6900, 5568.9600	NA, NA	6.4502, 3.7240	6.4502, 3.7240
	MEDIAN	1152.190	12290.100	6721.150	NA	20.856	20.856
	MIN, MAX	1152.190, 1152.190	12290.100, 12290.100	1152.190, 12290.100	NA, NA	11.613, 24.028	11.613, 24.028
	5%, 95%	NA, NA	NA, NA	1152.190, 12290.100	NA, NA	11.613, 24.028	11.613, 24.028
\$40,000 to \$49,999	N	0	1	1	0	1	1
	MEAN, GEO MEAN	NA, NA	18085.500, 18085.500	18085.500, 18085.500	NA, NA	9.217, 9.217	9.217, 9.217
	SD, SE	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
	MEDIAN	NA	18085.500	18085.500	NA	9.217	9.217
	MIN, MAX	NA, NA	18085.500, 18085.500	18085.500, 18085.500	NA, NA	9.217, 9.217	9.217, 9.217
	5%, 95%	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
\$50,000 or more	N	1	1	2	2	0	2
	MEAN, GEO MEAN	15070.000, 15070.000	9143.700, 9143.700	12106.900, 11738.600	16.854, 16.693	NA, NA	16.854, 16.693
	SD, SE	NA, NA	NA, NA	4190.5300, 2963.1500	3.2774, 2.3175	NA, NA	3.2774, 2.3175
	MEDIAN	15070.000	9143.700	12106.900	16.854	NA	16.854
	MIN, MAX	15070.000, 15070.000	9143.700, 9143.700	9143.700, 15070.000	14.536, 19.171	NA, NA	14.536, 19.171
	5%, 95%	NA, NA	NA, NA	9143.700, 15070.000	14.536, 19.171	NA, NA	14.536, 19.171

^a Overall values calculated by first averaging the results across visits within a subject, then calculating the descriptive statistics across subjects. Count of BLQ values does not apply as the BLQ values were converted to the upper limit of the BLQ (e.g., '<1.234' will be used as '1.234') for the averages across visits within a subject thus eliminating all BLQ values for the overall statistics.

TABLE 14.4-11
DESCRIPTIVE STATISTICS OF 24-HOUR URINE BIOMARKERS OF EXPOSURE BY TIMEPOINT FOR DEMOGRAPHIC CHARACTERISTIC: ANNUAL HOUSEHOLD INCOME
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Lab: INBIFO
Biomarker: Cotinine Glucuronide (nmol/mg Creatin)
Timepoint: Week 1

Characteristic	Statistic	Smokers			Non-Smokers		
		Male	Female	Overall	Male	Female	Overall
\$19,999 or less	N	1	0	1	1	0	1
	MEAN, GEO MEAN	16.992, 16.992	NA, NA	16.992, 16.992	0.009, 0.009	NA, NA	0.009, 0.009
	SD, SE	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
	MEDIAN	16.992	NA	16.992	0.009	NA	0.009
	MIN, MAX	16.992, 16.992	NA, NA	16.992, 16.992	0.009, 0.009	NA, NA	0.009, 0.009
	5%, 95%	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
\$20,000 to \$39,999	BLQ Values Included	0	NA	0	1	NA	1
	N	1	1	2	0	1	1
	MEAN, GEO MEAN	0.656, 0.656	12.975, 12.975	6.816, 2.917	NA, NA	0.025, 0.025	0.025, 0.025
	SD, SE	NA, NA	NA, NA	8.7108, 6.1595	NA, NA	NA, NA	NA, NA
	MEDIAN	0.656	12.975	6.816	NA	0.025	0.025
	MIN, MAX	0.656, 0.656	12.975, 12.975	0.656, 12.975	NA, NA	0.025, 0.025	0.025, 0.025
\$40,000 to \$49,999	5%, 95%	NA, NA	NA, NA	0.656, 12.975	NA, NA	NA, NA	NA, NA
	BLQ Values Included	0	0	0	NA	1	1
	N	0	1	1	0	1	1
	MEAN, GEO MEAN	NA, NA	14.329, 14.329	14.329, 14.329	NA, NA	0.012, 0.012	0.012, 0.012
	SD, SE	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
	MEDIAN	NA	14.329	14.329	NA	0.012	0.012
\$50,000 or more	MIN, MAX	NA, NA	14.329, 14.329	14.329, 14.329	NA, NA	0.012, 0.012	0.012, 0.012
	5%, 95%	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
	BLQ Values Included	NA	0	0	NA	1	1
	N	1	1	2	2	0	2
	MEAN, GEO MEAN	8.030, 8.030	5.382, 5.382	6.706, 6.574	0.010, 0.009	NA, NA	0.010, 0.009
	SD, SE	NA, NA	NA, NA	1.8724, 1.3240	0.0035, 0.0025	NA, NA	0.0035, 0.0025
\$50,000 or more	MEDIAN	8.030	5.382	6.706	0.010	NA	0.010
	MIN, MAX	8.030, 8.030	5.382, 5.382	5.382, 8.030	0.007, 0.012	NA, NA	0.007, 0.012
	5%, 95%	NA, NA	NA, NA	5.382, 8.030	0.007, 0.012	NA, NA	0.007, 0.012
	BLQ Values Included	0	0	0	2	NA	2

TABLE 14.4-11
DESCRIPTIVE STATISTICS OF 24-HOUR URINE BIOMARKERS OF EXPOSURE BY TIMEPOINT FOR DEMOGRAPHIC CHARACTERISTIC: ANNUAL HOUSEHOLD INCOME
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Lab: INBIPO

Biomarker: Cotinine Glucuronide (nmol/mg Creatin)

Timepoint: Week 2

Characteristic	Statistic	Smokers			Non-Smokers		
		Male	Female	Overall	Male	Female	Overall
\$19,999 or less	N	1	0	1	2	0	2
	MEAN, GEO MEAN	17.741, 17.741	NA, NA	17.741, 17.741	0.008, 0.007	NA, NA	0.008, 0.007
	SD, SE	NA, NA	NA, NA	NA, NA	0.0035, 0.0025	NA, NA	0.0035, 0.0025
	MEDIAN	17.741	NA	17.741	0.008	NA	0.008
	MIN, MAX	17.741, 17.741	NA, NA	17.741, 17.741	0.005, 0.010	NA, NA	0.005, 0.010
	5%, 95%	NA, NA	NA, NA	NA, NA	0.005, 0.010	NA, NA	0.005, 0.010
	BLQ Values Included	0	NA	0	2	NA	2
\$20,000 to \$39,999	N	1	1	2	0	2	2
	MEAN, GEO MEAN	2.423, 2.423	13.267, 13.267	7.845, 5.670	NA, NA	0.023, 0.022	0.023, 0.022
	SD, SE	NA, NA	NA, NA	7.6679, 5.4220	NA, NA	0.0078, 0.0055	0.0078, 0.0055
	MEDIAN	2.423	13.267	7.845	NA	0.023	0.023
	MIN, MAX	2.423, 2.423	13.267, 13.267	2.423, 13.267	NA, NA	0.017, 0.028	0.017, 0.028
	5%, 95%	NA, NA	NA, NA	2.423, 13.267	NA, NA	0.017, 0.028	0.017, 0.028
	BLQ Values Included	0	0	0	NA	2	2
\$40,000 to \$49,999	N	0	1	1	0	1	1
	MEAN, GEO MEAN	NA, NA	11.956, 11.956	11.956, 11.956	NA, NA	0.007, 0.007	0.007, 0.007
	SD, SE	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
	MEDIAN	NA	11.956	11.956	NA	0.007	0.007
	MIN, MAX	NA, NA	11.956, 11.956	11.956, 11.956	NA, NA	0.007, 0.007	0.007, 0.007
	5%, 95%	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
	BLQ Values Included	NA	0	0	NA	1	1
\$50,000 or more	N	1	1	2	2	0	2
	MEAN, GEO MEAN	10.399, 10.399	5.964, 5.964	8.182, 7.875	0.013, 0.012	NA, NA	0.013, 0.012
	SD, SE	NA, NA	NA, NA	3.1360, 2.2175	0.0049, 0.0035	NA, NA	0.0049, 0.0035
	MEDIAN	10.399	5.964	8.182	0.013	NA	0.013
	MIN, MAX	10.399, 10.399	5.964, 5.964	5.964, 10.399	0.009, 0.016	NA, NA	0.009, 0.016
	5%, 95%	NA, NA	NA, NA	5.964, 10.399	0.009, 0.016	NA, NA	0.009, 0.016
	BLQ Values Included	0	0	0	2	NA	2

TABLE 14.4-11
DESCRIPTIVE STATISTICS OF 24-HOUR URINE BIOMARKERS OF EXPOSURE BY TIMEPOINT FOR DEMOGRAPHIC CHARACTERISTIC: ANNUAL HOUSEHOLD INCOME
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Lab: INBIFO
Biomarker: Cotinine Gluronide (nmol/mg Creatin)
Timepoint: Week 3

Characteristic	Statistic	Smokers			Non-Smokers		
		Male	Female	Overall	Male	Female	Overall
\$19,999 or less	N	1	0	1	1	0	1
	MEAN, GEO MEAN	15.637, 15.637	NA, NA	15.637, 15.637	0.009, 0.009	NA, NA	0.009, 0.009
	SD, SE	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
	MEDIAN	15.637	NA	15.637	0.009	NA	0.009
	MIN, MAX	15.637, 15.637	NA, NA	15.637, 15.637	0.009, 0.009	NA, NA	0.009, 0.009
	5%, 95%	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
	BLQ Values Included	0	NA	0	1	NA	1
\$20,000 to \$39,999	N	1	1	2	0	2	2
	MEAN, GEO MEAN	0.605, 0.605	12.366, 12.366	6.486, 2.735	NA, NA	0.016, 0.015	0.016, 0.015
	SD, SE	NA, NA	NA, NA	8.3163, 5.8805	NA, NA	0.0007, 0.0005	0.0007, 0.0005
	MEDIAN	0.605	12.366	6.486	NA	0.016	0.016
	MIN, MAX	0.605, 0.605	12.366, 12.366	0.605, 12.366	NA, NA	0.015, 0.016	0.015, 0.016
	5%, 95%	NA, NA	NA, NA	0.605, 12.366	NA, NA	0.015, 0.016	0.015, 0.016
	BLQ Values Included	0	0	0	NA	2	2
\$40,000 to \$49,999	N	0	1	1	0	1	1
	MEAN, GEO MEAN	NA, NA	14.562, 14.562	14.562, 14.562	NA, NA	0.008, 0.008	0.008, 0.008
	SD, SE	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
	MEDIAN	NA	14.562	14.562	NA	0.008	0.008
	MIN, MAX	NA, NA	14.562, 14.562	14.562, 14.562	NA, NA	0.008, 0.008	0.008, 0.008
	5%, 95%	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
	BLQ Values Included	NA	0	0	NA	1	1
\$50,000 or more	N	0	1	1	2	0	2
	MEAN, GEO MEAN	NA, NA	4.933, 4.933	4.933, 4.933	0.016, 0.015	NA, NA	0.016, 0.015
	SD, SE	NA, NA	NA, NA	NA, NA	0.0007, 0.0005	NA, NA	0.0007, 0.0005
	MEDIAN	NA	4.933	4.933	0.016	NA	0.016
	MIN, MAX	NA, NA	4.933, 4.933	4.933, 4.933	0.015, 0.016	NA, NA	0.015, 0.016
	5%, 95%	NA, NA	NA, NA	NA, NA	0.015, 0.016	NA, NA	0.015, 0.016
	BLQ Values Included	NA	0	0	2	NA	2

TABLE 14.4-11
DESCRIPTIVE STATISTICS OF 24-HOUR URINE BIOMARKERS OF EXPOSURE BY TIMEPOINT FOR DEMOGRAPHIC CHARACTERISTIC: ANNUAL HOUSEHOLD INCOME
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Lab: INBIFO

Biomarker: Cotinine Glucuronide (nmol/mg Creatin)

Timepoint: Overall^a

Characteristic	Statistic	Smokers			Non-Smokers		
		Male	Female	Overall	Male	Female	Overall
\$19,999 or less	N	1	0	1	2	0	2
	MEAN, GEO MEAN	16.790, 16.790	NA, NA	16.790, 16.790	0.009, 0.008	NA, NA	0.009, 0.008
	SD, SE	NA, NA	NA, NA	NA, NA	0.0021, 0.0015	NA, NA	0.0021, 0.0015
	MEDIAN	16.790	NA	16.790	0.009	NA	0.009
	MIN, MAX	16.790, 16.790	NA, NA	16.790, 16.790	0.007, 0.010	NA, NA	0.007, 0.010
	5%, 95%	NA, NA	NA, NA	NA, NA	0.007, 0.010	NA, NA	0.007, 0.010
\$20,000 to \$39,999	N	1	1	2	0	3	3
	MEAN, GEO MEAN	1.228, 1.228	12.869, 12.869	7.049, 3.975	NA, NA	0.020, 0.019	0.020, 0.019
	SD, SE	NA, NA	NA, NA	8.2314, 5.8205	NA, NA	0.0032, 0.0019	0.0032, 0.0019
	MEDIAN	1.228	12.869	7.049	NA	0.021	0.021
	MIN, MAX	1.228, 1.228	12.869, 12.869	1.228, 12.869	NA, NA	0.016, 0.022	0.016, 0.022
	5%, 95%	NA, NA	NA, NA	1.228, 12.869	NA, NA	0.016, 0.022	0.016, 0.022
\$40,000 to \$49,999	N	0	1	1	0	1	1
	MEAN, GEO MEAN	NA, NA	13.616, 13.616	13.616, 13.616	NA, NA	0.009, 0.009	0.009, 0.009
	SD, SE	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
	MEDIAN	NA	13.616	13.616	NA	0.009	0.009
	MIN, MAX	NA, NA	13.616, 13.616	13.616, 13.616	NA, NA	0.009, 0.009	0.009, 0.009
	5%, 95%	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
\$50,000 or more	N	1	1	2	2	0	2
	MEAN, GEO MEAN	9.215, 9.215	5.426, 5.426	7.321, 7.071	0.013, 0.012	NA, NA	0.013, 0.012
	SD, SE	NA, NA	NA, NA	2.6792, 1.8945	0.0007, 0.0005	NA, NA	0.0007, 0.0005
	MEDIAN	9.215	5.426	7.321	0.013	NA	0.013
	MIN, MAX	9.215, 9.215	5.426, 5.426	5.426, 9.215	0.012, 0.013	NA, NA	0.012, 0.013
	5%, 95%	NA, NA	NA, NA	5.426, 9.215	0.012, 0.013	NA, NA	0.012, 0.013

^a Overall values calculated by first averaging the results across visits within a subject, then calculating the descriptive statistics across subjects. Count of BLQ values does not apply as the BLQ values were converted to the upper limit of the BLQ (e.g., '<1.234' will be used as '1.234') for the averages across visits within a subject thus eliminating all BLQ values for the overall statistics.

TABLE 14.4-11
DESCRIPTIVE STATISTICS OF 24-HOUR URINE BIOMARKERS OF EXPOSURE BY TIMEPOINT FOR DEMOGRAPHIC CHARACTERISTIC: ANNUAL HOUSEHOLD INCOME
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Lab: INBIFO
Biomarker: Cotinine Glucuronide (nmol/L)
Timepoint: Week 1

Characteristic	Statistic	Smokers			Non-Smokers		
		Male	Female	Overall	Male	Female	Overall
\$19,999 or less	N	1	0	1	1	0	1
	MEAN, GEO MEAN	27798.7, 27798.7	NA, NA	27798.7, 27798.7	7.9, 7.9	NA, NA	7.9, 7.9
	SD, SE	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
	MEDIAN	27798.7	NA	27798.7	7.9	NA	7.9
	MIN, MAX	27798.7, 27798.7	NA, NA	27798.7, 27798.7	7.9, 7.9	NA, NA	7.9, 7.9
	5%, 95%	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
	BLQ Values Included	0	NA	0	1	NA	1
\$20,000 to \$39,999	N	1	1	2	0	1	1
	MEAN, GEO MEAN	586.1, 586.1	3788.7, 3788.7	2187.4, 1490.2	NA, NA	7.9, 7.9	7.9, 7.9
	SD, SE	NA, NA	NA, NA	2264.58, 1601.30	NA, NA	NA, NA	NA, NA
	MEDIAN	586.1	3788.7	2187.4	NA	7.9	7.9
	MIN, MAX	586.1, 586.1	3788.7, 3788.7	586.1, 3788.7	NA, NA	7.9, 7.9	7.9, 7.9
	5%, 95%	NA, NA	NA, NA	586.1, 3788.7	NA, NA	NA, NA	NA, NA
	BLQ Values Included	0	0	0	NA	1	1
\$40,000 to \$49,999	N	0	1	1	0	1	1
	MEAN, GEO MEAN	NA, NA	8210.5, 8210.5	8210.5, 8210.5	NA, NA	7.9, 7.9	7.9, 7.9
	SD, SE	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
	MEDIAN	NA	8210.5	8210.5	NA	7.9	7.9
	MIN, MAX	NA, NA	8210.5, 8210.5	8210.5, 8210.5	NA, NA	7.9, 7.9	7.9, 7.9
	5%, 95%	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
	BLQ Values Included	NA	0	0	NA	1	1
\$50,000 or more	N	1	1	2	2	0	2
	MEAN, GEO MEAN	8840.9, 8840.9	6081.3, 6081.3	7461.1, 7332.4	7.9, 7.9	NA, NA	7.9, 7.9
	SD, SE	NA, NA	NA, NA	1951.33, 1379.80	0.00, 0.00	NA, NA	0.00, 0.00
	MEDIAN	8840.9	6081.3	7461.1	7.9	NA	7.9
	MIN, MAX	8840.9, 8840.9	6081.3, 6081.3	6081.3, 8840.9	7.9, 7.9	NA, NA	7.9, 7.9
	5%, 95%	NA, NA	NA, NA	6081.3, 8840.9	7.9, 7.9	NA, NA	7.9, 7.9
	BLQ Values Included	0	0	0	2	NA	2

TABLE 14.4-11
DESCRIPTIVE STATISTICS OF 24-HOUR URINE BIOMARKERS OF EXPOSURE BY TIMEPOINT FOR DEMOGRAPHIC CHARACTERISTIC: ANNUAL HOUSEHOLD INCOME
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Lab: INBIFO
Biomarker: Cotinine Glucuronide (nmol/L)
Timepoint: Week 2

Characteristic	Statistic	Smokers			Non-Smokers		
		Male	Female	Overall	Male	Female	Overall
\$19,999 or less	N	1	0	1	2	0	2
	MEAN, GEO MEAN	21164.8, 21164.8	NA, NA	21164.8, 21164.8	7.9, 7.9	NA, NA	7.9, 7.9
	SD, SE	NA, NA	NA, NA	NA, NA	0.00, 0.00	NA, NA	0.00, 0.00
	MEDIAN	21164.8	NA	21164.8	7.9	NA	7.9
	MIN, MAX	21164.8, 21164.8	NA, NA	21164.8, 21164.8	7.9, 7.9	NA, NA	7.9, 7.9
	5%, 95%	NA, NA	NA, NA	NA, NA	7.9, 7.9	NA, NA	7.9, 7.9
\$20,000 to \$39,999	BLQ Values Included	0	NA	0	2	NA	2
	N	1	1	2	0	2	2
	MEAN, GEO MEAN	1282.0, 1282.0	4205.6, 4205.6	2743.8, 2322.0	NA, NA	7.9, 7.9	7.9, 7.9
	SD, SE	NA, NA	NA, NA	2067.30, 1461.80	NA, NA	0.00, 0.00	0.00, 0.00
	MEDIAN	1282.0	4205.6	2743.8	NA	7.9	7.9
	MIN, MAX	1282.0, 1282.0	4205.6, 4205.6	1282.0, 4205.6	NA, NA	7.9, 7.9	7.9, 7.9
\$40,000 to \$49,999	5%, 95%	NA, NA	NA, NA	1282.0, 4205.6	NA, NA	7.9, 7.9	7.9, 7.9
	BLQ Values Included	0	0	0	NA	2	2
	N	0	1	1	0	1	1
	MEAN, GEO MEAN	NA, NA	8787.9, 8787.9	8787.9, 8787.9	NA, NA	7.9, 7.9	7.9, 7.9
	SD, SE	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
	MEDIAN	NA	8787.9	8787.9	NA	7.9	7.9
\$50,000 or more	MIN, MAX	NA, NA	8787.9, 8787.9	8787.9, 8787.9	NA, NA	7.9, 7.9	7.9, 7.9
	5%, 95%	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
	BLQ Values Included	NA	0	0	NA	1	1
	N	1	1	2	2	0	2
	MEAN, GEO MEAN	15442.9, 15442.9	4985.9, 4985.9	10214.4, 8774.8	7.9, 7.9	NA, NA	7.9, 7.9
	SD, SE	NA, NA	NA, NA	7394.22, 5228.50	0.00, 0.00	NA, NA	0.00, 0.00
	MEDIAN	15442.9	4985.9	10214.4	7.9	NA	7.9
	MIN, MAX	15442.9, 15442.9	4985.9, 4985.9	4985.9, 15442.9	7.9, 7.9	NA, NA	7.9, 7.9
	5%, 95%	NA, NA	NA, NA	4985.9, 15442.9	7.9, 7.9	NA, NA	7.9, 7.9
	BLQ Values Included	0	0	0	2	NA	2

TABLE 14.4-11
DESCRIPTIVE STATISTICS OF 24-HOUR URINE BIOMARKERS OF EXPOSURE BY TIMEPOINT FOR DEMOGRAPHIC CHARACTERISTIC: ANNUAL HOUSEHOLD INCOME
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Lab: INBIPO
Biomarker: Cotinine Glucuronide (nmol/L)
Timepoint: Week 3

Characteristic	Statistic	Smokers			Non-Smokers		
		Male	Female	Overall	Male	Female	Overall
\$19,999 or less	N	1	0	1	1	0	1
	MEAN, GEO MEAN	12494.1, 12494.1	NA, NA	12494.1, 12494.1	7.9, 7.9	NA, NA	7.9, 7.9
	SD, SE	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
	MEDIAN	12494.1	NA	12494.1	7.9	NA	7.9
	MIN, MAX	12494.1, 12494.1	NA, NA	12494.1, 12494.1	7.9, 7.9	NA, NA	7.9, 7.9
	5%, 95%	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
\$20,000 to \$39,999	BLQ Values Included	0	NA	0	1	NA	1
	N	1	1	2	0	2	2
	MEAN, GEO MEAN	245.7, 245.7	5243.1, 5243.1	2744.4, 1135.0	NA, NA	7.9, 7.9	7.9, 7.9
	SD, SE	NA, NA	NA, NA	3533.70, 2498.70	NA, NA	0.00, 0.00	0.00, 0.00
	MEDIAN	245.7	5243.1	2744.4	NA	7.9	7.9
	MIN, MAX	245.7, 245.7	5243.1, 5243.1	245.7, 5243.1	NA, NA	7.9, 7.9	7.9, 7.9
\$40,000 to \$49,999	5%, 95%	NA, NA	NA, NA	245.7, 5243.1	NA, NA	7.9, 7.9	7.9, 7.9
	BLQ Values Included	0	0	0	NA	2	2
	N	0	1	1	0	1	1
	MEAN, GEO MEAN	NA, NA	7091.5, 7091.5	7091.5, 7091.5	NA, NA	7.9, 7.9	7.9, 7.9
	SD, SE	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
	MEDIAN	NA	7091.5	7091.5	NA	7.9	7.9
\$50,000 or more	MIN, MAX	NA, NA	7091.5, 7091.5	7091.5, 7091.5	NA, NA	7.9, 7.9	7.9, 7.9
	5%, 95%	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA	NA, NA
	BLQ Values Included	NA	0	0	NA	1	1
	N	0	1	1	2	0	2
	MEAN, GEO MEAN	NA, NA	4676.7, 4676.7	4676.7, 4676.7	7.9, 7.9	NA, NA	7.9, 7.9
	SD, SE	NA, NA	NA, NA	NA, NA	0.00, 0.00	NA, NA	0.00, 0.00
	MEDIAN	NA	4676.7	4676.7	7.9	NA	7.9
	MIN, MAX	NA, NA	4676.7, 4676.7	4676.7, 4676.7	7.9, 7.9	NA, NA	7.9, 7.9
	5%, 95%	NA, NA	NA, NA	NA, NA	7.9, 7.9	NA, NA	7.9, 7.9
	BLQ Values Included	NA	0	0	2	NA	2